

BUSINESS CONDITIONS DIGEST

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U.S. DEPARTMENT
OF COMMERCE
BUREAU OF
ECONOMIC ANALYSIS



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ABOUT THIS REPORT

BUSINESS CONDITIONS DIGEST (BCD) provides a monthly look at many of the economic time series found most useful by business analysts and forecasters.

The original BCD, which began publication in 1961 under the title **Business Cycle Developments**, emphasized the cyclical indicators approach to the analysis of business conditions and prospects. The report's contents were based largely on the list of leading, roughly coincident, and lagging indicators maintained by the National Bureau of Economic Research, Inc.

In 1968, BCD was expanded to increase its usefulness to analysts using other approaches to business conditions analysis. Principal additions to the report were series from the national income and product accounts and series based on surveys of businessmen's and consumers' anticipations and intentions. The composite indexes were added at that time, and the report's present title was adopted.

The dominant feature of the current BCD is the cyclical indicators section, in which each business cycle indicator is assigned a three-way timing classification according to its behavior at peaks, at troughs, and at all turns. This section is supplemented by a section containing other important economic measures. The method of presentation is explained in the introductory text which begins on page 1.

Most of the data contained in this report also are published by their source agencies. A series finding guide and a complete list of series titles and sources can be found at the back of the report.

Cyclical Indicators are economic time series which have been singled out as leaders, coinciders, or laggards based on their general conformity to cyclical movements in aggregate economic activity. In this report, cyclical indicators are classified both by economic process and by their average timing at business cycle peaks, at business cycle troughs, and at peaks and troughs combined. These indicators have been selected primarily on the basis of their cyclical behavior, but they also have proven useful in forecasting, measuring, and interpreting short-term fluctuations in aggregate economic activity.

Other Economic Measures provide additional information for the evaluation of current business conditions and prospects. They include selected components of the national income and product accounts; measures of prices, wages, and productivity; measures of the labor force, employment, and unemployment; economic data on Federal, State, and local government activities; measures of U.S. international transactions; and selected economic comparisons with major foreign countries.

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The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use

of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 1, 1983.



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Readers are invited to submit comments and suggestions concerning this publication. Address them to Feliks Tamm, Chief, Statistical Indicators Division, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230

NEW FEATURES AND CHANGES FOR THIS ISSUE

Changes in this issue are as follows:

1. The series on U.S. international transactions (series 618, 620, 622, 651, 652, and 667-669) have been revised to reflect the source agency's annual updating of the basic statistics. The periods affected by these revisions are as follows:

1969 to date: Series 618, 622, 651, and 667-669

1979 to date: Series 620

1969, 1970, and 1977 to date: Series 652.

Further information concerning these revisions may be obtained from the U.S. Department of Commerce, Bureau of Economic Analysis, Balance of Payments Division.

2. The series on Net change in mortgage debt held by financial institutions and life insurance companies (series 33) has been revised for the period 1979 to date to reflect the annual updating of statistics on mortgage debt held by weekly-reporting large commercial banks.

Further information concerning this revision may be obtained from the Board of Governors of the Federal Reserve System, Division of Research and Statistics, Banking Section.

3. Appendix C contains historical data for series 51-53, 62, 95, 223, and 330-335.

4. Appendix G contains cyclical comparisons for series 12, 21, 36, 48, 51, 72, 77, and 95.

The July issue of *BUSINESS CONDITIONS DIGEST* is scheduled for release on July 31.

A limited number of changes are made from time to time to incorporate recent findings of economic research, newly available time series, and revisions made by source agencies in concept, composition, comparability, coverage, seasonal adjustment methods, benchmark data, etc. Changes may result in revisions of data, additions or deletions of series, changes in placement of series in relation to other series, changes in composition of indexes, etc.

SIX BEA PROJECTS FOR ECONOMIC ANALYSIS

For further information (including prices and ordering instructions) on any of these items, please write to the Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230.

BUSINESS CONDITIONS DIGEST A monthly report for analyzing economic fluctuations over a short span of years.

This report brings together many of the economic time series most useful to business analysts and forecasters. In the cyclical indicators section, each of about 110 business cycle indicators is assigned a three-way timing classification according to its cyclical behavior at peaks, troughs, and all turns. This section also includes important analytical measures, such as composite indexes of leading, coincident, and lagging indicators and selected diffusion indexes. A second section contains other important economic data on prices, wages, productivity, government and defense-related activities, U.S. international transactions, and international comparisons.

About 300 time series are shown in analytical graphs that help to evaluate business conditions and prospects. Current data are shown in accompanying tables. Appendixes provide historical data, seasonal adjustment factors, measures of variability, cyclical comparisons, and other useful information. A computer tape containing data for most of the series is available for purchase.

HANDBOOK OF CYCLICAL INDICATORS A reference volume containing valuable background information for users of *Business Conditions Digest*.

This recurrent report provides descriptive and analytical information on the economic time series presented monthly in *Business Conditions Digest*. Included are series descriptions, historical data, and measures of variability. For the cyclical indicators and composite indexes, special tables show detailed scoring measures and average timing at cyclical peaks and troughs. Verbal and algebraic explanations of the composite index methodology are also provided.

LONG TERM ECONOMIC GROWTH A report for the study of economic trends over a long span of years: 1860-1970.

This report provides a comprehensive, long-range view of the U.S. economy by presenting relevant statistical time series in easy-to-follow analytical charts and convenient data tables. It is a basic research document for economists, historians, investors, teachers, and students, bringing together in one volume a complete statistical basis for the study of long-term economic trends. A computer tape file of the time series included in the report is available for purchase.

COMPUTER PROGRAMS FOR TIME SERIES ANALYSIS The source statements for FORTRAN IV programs used by BEA in its analysis of time series are available on a single computer tape.

SEASONAL ADJUSTMENT PROGRAMS—Two variants of the Census computer program measure and analyze seasonal, trading-day, cyclical, and irregular fluctuations. They are particularly useful in analyzing economic fluctuations that take place within a year. The X-11 variant is used for adjusting monthly data and the X-11Q for quarterly data. These programs make additive as well as multiplicative adjustments and compute many summary and analytical measures.

INDEX PROGRAM—This program computes composite and diffusion indexes and summary measures of the properties of each index.

TIME SERIES PROCESSOR—This program, through simple commands, performs a variety of arithmetic, statistical, and manipulative operations on time series data.

SURVEY OF CURRENT BUSINESS A monthly report for analyzing current economic developments.

This report provides a useful combination of current data for more than 2,500 statistical series and significant articles analyzing economic developments. These data and analyses include such areas as the national income and product accounts, the balance of payments accounts, plant and equipment expenditures, regional personal income, and the input-output accounts.

BUSINESS STATISTICS A biennial reference volume containing statistical series reported currently in the *Survey of Current Business*.

This report provides historical data back to 1947 for nearly 2,500 time series. The series are accompanied by concise descriptions as to their composition, methods of compilation, comparability, revisions, and availability. Also listed are the names and addresses of organizations that provide the basic data for the series.

METHOD OF PRESENTATION

This report is organized into two major parts. Part I, Cyclical Indicators, includes about 150 time series which have been found to conform well to broad fluctuations in comprehensive measures of economic activity. Nearly three-fourths of these are individual indicators, the rest are related analytical measures: Composite indexes, diffusion indexes, and rates of change. Part II, Other Important Economic Measures, covers over 140 series which are valuable to business analysts and forecasters but which do not conform well enough to business cycles to qualify as cyclical indicators. (There are a few exceptions: Four series which are included in part I are also shown in part II to complete the systematic presentation of certain sets of data, such as real GNP and unemployment.) The largest section of part II consists of quarterly series from the national income and product accounts; other sections relate to prices, labor force, government and defense-related activities, and international transactions and comparisons.

The two parts are further divided into sections (see table of contents), and each of these sections is described briefly in this introduction. Data are shown both in charts and in tables. Most charts begin with 1956, but those for the composite indexes and their components (part I, section A) begin with 1948, and a few charts use a two-panel format which covers only the period since 1969. Except for section F in part II, charts contain shading which indicates periods of recession in general business activity. The tables contain data for only the last few years. The historical data for the various time series are contained in the 1977 *Handbook of Cyclical Indicators*.

In addition to the charts and tables described above, each issue contains a summary table which shows the current behavior of many of the series. Appendixes present seasonal adjustment factors, measures of variability, specific cycle turning dates, cyclical comparison charts, and other information of analytical interest. An index appears at the back of each issue. It should be noted that the series numbers used are for identification purposes only and do not reflect precise relationships or order. However, all series considered as cyclical indicators are numbered in the range 1 to 199.

Seasonal Adjustments

Adjustments for average seasonal fluctuations are often necessary to bring out the underlying trends of time series. Such adjustments allow for the effects of repetitive intrayear variations resulting primarily from normal differences in weather conditions and from various institutional arrangements. Variations attributable to holidays are usually accounted for by the seasonal adjustment process; however, a separate holiday

adjustment is occasionally required for holidays with variable dates, such as Easter. An additional adjustment is sometimes necessary for series which contain considerable variation due to the number of working or trading days in each month. As used in this report, the term "seasonal adjustment" includes trading-day and holiday adjustments where they have been made.

Most of the series in this report are presented in seasonally adjusted form and, in most cases, these are the official figures released by the source agencies. However, for the special purposes of this report, a number of series not ordinarily published in seasonally adjusted form are shown here on a seasonally adjusted basis.

MCD Moving Averages

Month-to-month changes in a series are often dominated by erratic movements. MCD (months for cyclical dominance) is an estimate of the appropriate span over which to observe cyclical movements in a monthly series. (See appendix A.) It is the smallest span of months for which the average change in the cyclical factor is greater than that in the irregular factor. The more erratic a series is, the larger the MCD will be; thus, MCD is 1 for the smoothest series and 6 for the most erratic. MCD moving averages (that is, moving averages of the period equal to MCD) tend to have about the same degree of smoothness for all series. Thus, a 5-term moving average of a series with an MCD of 5 will show its cyclical movements about as clearly as the seasonally adjusted data for a series with an MCD of 1.

The charts in this report generally include centered MCD moving averages for those series with an MCD greater than 4. The seasonally adjusted data are also plotted to indicate their variation about the moving averages and to provide observations for the most recent months.

Reference Turning Dates

The historical business cycle turning dates used in this report are those designated by the National Bureau of Economic Research, Inc. (NBER). They mark the approximate dates when, according to NBER, aggregate economic activity reached its cyclical high or low levels. As a matter of general practice, neither new reference turning dates nor the shading for recessions will be entered on the charts until after both the new reference peak and the new reference trough bounding the shaded area have been designated.

The historical reference turning dates are subject to periodic review by NBER and on occasion are changed as a result of revisions in important economic time series. The dates shown in this publication for the 1948-1970 time period are those determined by a 1974 review. The turning dates for the 1973-1975 period are detailed in NBER's 1976 *Annual Report*.

Part I. CYCLICAL INDICATORS

Business cycles have been defined as sequences of expansion and contraction in various economic processes that show up as major fluctuations in aggregate economic activity—that is, in comprehensive measures of production, employment, income, and trade. While recurrent and pervasive, business cycles of historical experience have been definitely nonperiodic and have varied greatly in duration and intensity, reflecting changes in economic systems, conditions, policies, and outside disturbances.

One of the techniques developed in business cycle research and widely used as a tool for analyzing current economic conditions and prospects is the cyclical indicators approach. This approach identifies certain economic time series as tending to lead, coincide with or lag behind the broad movements in aggregate economic activity. Such indicators have been selected and analyzed by NBER in a series of studies published between 1938 and 1967. During the 1972-75 period, a new comprehensive review of cyclical indicators was carried out by the Bureau of Economic Analysis (BEA) with the cooperation of the NBER research staff. The present format and content of part I of *BCD* are based on the results of that study.

Section A. Composite Indexes and Their Components

All cyclical indicators have been evaluated according to six major characteristics: Economic significance, statistical adequacy, consistency of timing at business cycle peaks and troughs, conformity to business expansions and contractions, smoothness, and prompt availability (currency). A formal, detailed weighting scheme was developed and used to assess each series by all of the above criteria. (See articles in the May and November 1975 issues of *BCD*.) The resulting scores relate to cyclical behavior of the series during the period 1947-70. This analysis produced a new list of indicators classified by economic process and typical timing at business cycle peaks and troughs. (See tables on page 2 and text below relating to section B.)

This information, particularly the scores relating to consistency of timing, served as a basis for the selection of series to be included in the composite indexes. The indexes incorporate the best-scoring series from many different economic-process groups and combine those with similar timing behavior, using their overall performance scores as weights. Because they use series of historically tested usefulness and given timing characteristics (for example, leading at both peaks and troughs), with diversified economic coverage and a minimum of duplication, composite indexes give more reliable signals over time than do any of the individual indicators. Furthermore, much of the

Cross-Classification of Cyclical Indicators by Economic Process and Cyclical Timing

A. Timing at Business Cycle Peaks

<div>Economic Process</div> <div>Cyclical Timing</div>	I. EMPLOYMENT AND UNEMPLOYMENT (18 series)	II. PRODUCTION AND INCOME (10 series)	III. CONSUMPTION, TRADE ORDERS, AND DELIVERIES (13 series)	IV. FIXED CAPITAL INVESTMENT (18 series)	V. INVENTORIES AND INVENTORY INVESTMENT (9 series)	VI. PRICES, COSTS, AND PROFITS (17 series)	VII. MONEY AND CREDIT (26 series)
LEADING (L) INDICATORS (62 series)	Marginal employment adjustments (6 series) Job vacancies (2 series) Comprehensive employment (1 series) Comprehensive unemployment (3 series)	Capacity utilization (2 series)	New and unfilled orders and deliveries (6 series) Consumption (2 series)	Formation of business enterprises (2 series) Business investment commitments (5 series) Residential construction (3 series)	Inventory investment (4 series) Inventories on hand and on order (1 series)	Stock prices (1 series) Commodity prices (1 series) Profits and profit margins (7 series) Cash flows (2 series)	Money flows (3 series) Real money supply (2 series) Credit flows (4 series) Credit difficulties (2 series) Bank reserves (2 series) Interest rates (1 series)
ROUGHLY COINCIDENT (C) INDICATORS (23 series)	Comprehensive employment (1 series)	Comprehensive output and real income (4 series) Industrial production (4 series)	Consumption and trade (4 series)	Backlog of investment commitments (1 series) Business investment expenditures (5 series)			Velocity of money (2 series) Interest rates (2 series)
LAGGING (Lg) INDICATORS (18 series)	Duration of unemployment (2 series)			Business investment expenditures (1 series)	Inventories on hand and on order (4 series)	Unit labor costs and labor share (4 series)	Interest rates (4 series) Outstanding debt (3 series)
TIMING UNCLASSIFIED (U) (8 series)	Comprehensive employment (3 series)		Trade (1 series)	Business investment commitments (1 series)		Commodity prices (1 series) Profit share (1 series)	Interest rates (1 series)

B. Timing at Business Cycle Troughs

Economic Process Cyclical Timing	I. EMPLOYMENT AND UNEMPLOYMENT (18 series)	II. PRODUCTION AND INCOME (10 series)	III. CONSUMPTION, TRADE, ORDERS, AND DELIVERIES (13 series)	IV. FIXED CAPITAL INVESTMENT (18 series)	V. INVENTORIES AND INVENTORY INVESTMENT (9 series)	VI. PRICES, COSTS, AND PROFITS (17 series)	VII. MONEY AND CREDIT (26 series)
LEADING (L) INDICATORS (47 series)	Marginal employment adjustments (3 series)	Industrial production (1 series)	New and unfilled orders and deliveries (5 series) Consumption and trade (4 series)	Formation of business enterprises (2 series) Business investment commitments (4 series) Residential construction (3 series)	Inventory investment (4 series)	Stock prices (1 series) Commodity prices (2 series) Profits and profit margins (6 series) Cash flows (2 series)	Money flows (2 series) Real money supply (2 series) Credit flows (4 series) Credit difficulties (2 series)
ROUGHLY COINCIDENT (C) INDICATORS (23 series)	Marginal employment adjustments (2 series) Comprehensive employment (4 series)	Comprehensive output and real income (4 series) Industrial production (3 series) Capacity utilization (2 series)	Consumption and trade (3 series)	Business investment commitments (1 series)		Profits (2 series)	Money flow (1 series) Velocity of money (1 series)
LAGGING (Lg) INDICATORS (40 series)	Marginal employment adjustments (1 series) Job vacancies (2 series) Comprehensive employment (1 series) Comprehensive and duration of unemployment (5 series)		Unfilled orders (1 series)	Business investment commitments (2 series) Business investment expenditures (6 series)	Inventories on hand and on order (5 series)	Unit labor costs and labor share (4 series)	Velocity of money (1 series) Bank reserves (1 series) Interest rates (8 series) Outstanding debt (3 series)
TIMING UNCLASSIFIED (U) (1 series)							Bank reserves (1 series)

independent measurement error and other "noise" in the included series are smoothed out in the index as a whole. The indexes include only monthly series that are acceptable in terms of relatively prompt availability and reasonable accuracy.

The main composite indexes are distinguished by their cyclical timing. Thus, there is an index of leading indicators, series which historically reached their cyclical peaks and troughs earlier than the corresponding business cycle turns. There is an index of roughly coincident indicators, consisting of series which historically reached their turning points at about the same time as the general economy, and an index of lagging indicators, which includes series that typically reached their peaks and troughs later than the corresponding business cycle turns.

The leading index contains series with long as well as short leads, but each series leads on the average over time and shows a frequency of leads at the individual turns exceeding that attributable to chance, given the historical distribution of cyclical timing. (An analogous statement applies to the components of the lagging index.) Since 1948, leads were generally more frequent and longer at peaks than at troughs of business cycles, while lags were generally more frequent and longer at troughs than at peaks. The adopted system of scoring and classifying the indicators takes into account these well-established differences in timing. Consequently, rough coincidences include short leads (-) and lags (+) as well as exact coincidences (0). (For monthly series, the range is from -3 through +1 at peaks and from -1 through +3 at troughs, where minus denotes leads and plus denotes lags in months.)

For purposes of constructing a composite index, each component series is standardized: The month-to-month percent changes in a given series are divided by the long-run average (without regard to sign) of those changes. Thus, the more volatile series are prevented from dominating the index. The coincident index is calculated so that its long-term trend (since 1948) equals the average of the trends of its four components. This trend, which is similar to that of GNP in constant dollars, can be viewed as a linear approximation to the secular movement (at an average growth rate) in aggregate economic activity. The indexes of leading and lagging indicators have been adjusted so that both their trends and their average month-to-month percent changes (without regard to sign) are approximately equal to those of the coincident index. (For a more detailed description of the method of constructing the composite indexes, see the 1977 *Handbook of Cyclical Indicators*.)

In addition to these principal composite indexes, differentiated according to cyclical timing, there are five indexes based on leading indicators which have been grouped by economic process. Taken together, these additional indexes include all 12 component series of the overall leading index, plus a few related series. Also shown in this section is the ratio of the index of roughly coincident

indicators to the index of lagging indicators, a series known to have a useful pattern of early cyclical timing. Numbers entered on the charts of the composite indexes show the length, in months, of leads (-) and lags (+) at each of the reference turning dates covered.

The next set of data consists of series included in the principal composite indexes. These are the 12 components of the leading index, the 4 components of the coincident index, and the 6 components of the lagging index. Following the title of each series, its typical timing is identified by three letter symbols in a small box. The first of these letters refers to the timing of the given indicator at business cycle peaks, the second to its timing at business cycle troughs, and the third to its timing at all turns, i.e., at peaks and troughs combined. "L" denotes a tendency to lead, "C" a tendency to roughly coincide with the business cycle turns (as represented by the NBER-designated reference dates), and "Lg" a tendency to lag. Since these series have been selected for the consistency of their timing at both peaks and troughs, all components of the leading index are denoted "L,L,L," all components of the coincident index "C,C,C," and all components of the lagging index "Lg,Lg,Lg." It should be remembered that these classifications are based on limited evidence, namely the performance of the indicators during the business cycles of the 1948-70 period, which included five peaks and five troughs. While the timing classifications are expected to agree with the patterns prevailing in the near future, they will not necessarily hold invariably in every instance. The timing of the series in the post-1970 period can be determined by inspection of the charts where the 1973-75 recession is shaded according to the dates of the NBER reference cycle chronology.

Section B. Cyclical Indicators by Economic Process

This section covers 111 individual time series, including the 22 indicators used in the construction of the composite indexes. The peak and trough timing classifications are shown on the charts in the same manner as described above, but this section includes series with different timing at peaks and at troughs, as well as series where the timing is not sufficiently consistent to be classified as either L,C, or Lg according to the probabilistic measures and scoring criteria adopted. Such series are labeled U, i.e., unclassified as to timing at turning points of the given type. Eight series are unclassified at peaks, one series at troughs, and 19 series at all turns (of the 19, 15 have definite but different timing at peaks and at troughs). No series that is classified as U both at peaks and at troughs is included in the list of cyclical indicators.

The classification scheme which groups the indicators of this section by economic process and cyclical timing is summarized in the two tabulations on page 2. Cross-classification A is based on the observed behavior of the series at five business cycle peaks (November '48, July '53,

August '57, April '60, and December '69); cross-classification B, on their behavior at five business cycle troughs (October '49, May '54, April '58, February '61, and November '70). Each tabulation distinguishes seven major economic processes and four types of cyclical timing. The titles in the cells identify subgroups of the given economic process with the given timing characteristic. The number of series in each such group is given in parentheses following the title. Complete information on how individual indicators are classified by timing at peaks, troughs, and all turns, along with selected measures and scores, is provided in the 1977 *Handbook of Cyclical Indicators*.

Section C. Diffusion Indexes and Rates of Change

Many series in this report are aggregates compiled from numerous components. How the individual components of an aggregate move over a given timespan is summarized by a diffusion index which indicates the percentage of components that are rising (with half of the unchanged components considered rising). Cyclical changes in these diffusion indexes tend to lead those of the corresponding aggregates. Since diffusion indexes are highly erratic, they are computed from changes measured over 6- or 9-month (or 3- or 4-quarter) spans, as well as 1-month (or 1-quarter) spans. Longer spans help to highlight the trends underlying the shorter-term fluctuations. Diffusion indexes are shown for the component series included in each of the three composite indexes and for the components of some of the aggregate series shown in section B.

Diffusion measures can be derived not only from actual data but also from surveys of anticipations or intentions. Indexes based on responses of business executives about their plans and expectations for several operating variables are presented, along with the corresponding indexes based on actual data, as the last set of diffusion series.

This section also records rates of change for the three composite indexes (leading, coincident, and lagging) and for four indicators of aggregate economic activity: GNP in constant dollars (quarterly), industrial production, employee hours in nonagricultural establishments, and personal income less transfers in constant dollars. Rates of change are shown for 1- and 3-month spans or for 1-quarter spans.

Although movements in diffusion indexes and in rates of change for the same aggregates are generally positively correlated, these two measures present information about two related but distinct aspects of economic change. Diffusion indexes measure the prevailing direction or scope of change, while rates of change measure the degree as well as the overall direction. As is the case for diffusion indexes, cyclical movements in the rates of change tend to lead those of the corresponding indexes or aggregates, and thus, they tend to lead at the business cycle turns as well.

Part II. OTHER IMPORTANT ECONOMIC MEASURES

This part is divided into six sections which cover a wide range of quarterly and monthly time series measuring various aspects of economic activity. Some of these series are very comprehensive, pertaining to the U.S. economy as a whole, others have to do with particular sectors or markets, and still others relate to U.S. international transactions or to selected foreign countries. The represented variables include incomes, outputs, and expenditures; prices, earnings, and productivity; labor resources; government receipts, expenditures, and defense-related activities; exports and imports; and selected indicators for a few key foreign countries.

Section A. National Income and Product

The national income and product accounts, compiled by BEA, summarize both receipts and final expenditures for the personal, business, foreign, and government sectors of the economy.

Section A1 shows the gross national product, final sales, and personal and disposable personal income. The four major components of the gross national product—personal consumption expenditures, gross private domestic investment, government purchases of goods and services, and net exports of goods and services—are presented in sections A2 through A5. Most of the series in section A are presented in current as well as constant dollars. There are also a few per capita series. The national income and product accounts, briefly defined below, are described more fully in the *Survey of Current Business*, Part I, January 1976.

Gross national product (GNP) is the market value of final goods and services produced by the labor and property supplied by residents of the United States, before deduction of allowances for the consumption of fixed capital goods. It is the most comprehensive measure of aggregate economic output. Final sales is GNP less change in business inventories.

Personal income is the income received by persons (individuals, owners of unincorporated businesses, nonprofit institutions, private trust funds, and private noninsured welfare funds) from all sources. It is the sum of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, dividends, personal interest income, and transfer payments, less personal contributions for social insurance.

Disposable personal income is the personal income available for spending or saving. It consists of personal income less personal taxes and nontax payments to government.

Personal consumption expenditures (A2) is goods and services purchased by individuals, operating expenses of nonprofit institutions, and the value of food, fuel, clothing, rent of dwellings, and financial services received in kind by individuals. Net purchases of used goods are also included.

Gross private domestic investment (A3) is fixed capital goods purchased by private business and nonprofit institutions and the value of the change in the physical volume of inventories held by private business. The former include all private purchases of dwellings, whether purchased for tenant or owner occupancy. Net purchases of used goods are also included.

Government purchases of goods and services (A4) is the compensation of government employees and purchases from business and from abroad. It excludes transfer payments, interest paid by government, and subsidies. It includes gross investment by government enterprises but excludes their current outlays. It includes net purchases of used goods and excludes sales and purchases of land and financial assets.

Net exports of goods and services (A5) is exports less imports of goods and services. Exports are part of the national production; imports are not, but are included in the components of GNP and are therefore deducted. More detail on U.S. international transactions is provided in section E.

National income (A6) is the incomes that originate in the production of goods and services attributable to labor and property supplied by residents of the United States. Thus, it measures the factor costs of the goods and services produced. It consists of the compensation of employees, proprietors' income, rental income of persons, corporate profits, and net interest.

Saving (A7) is the difference between income and expenditures during an accounting period. Total gross saving includes personal saving, business saving (mainly undistributed corporate profits and capital consumption allowances), and government surplus or deficit.

Shares of GNP and national income (A8).—The major expenditure components of GNP (consumption, investment, etc.) are expressed as percentages of GNP, and the major income components of national income (compensation of employees, corporate profits, etc.) are expressed as percentages of national income.

Section B. Prices, Wages, and Productivity

The important data on price movements include the monthly consumer and producer price indexes and their major components. Based largely on these series are the quarterly price indexes from the national income and product accounts, notably the GNP implicit price deflator (with weights reflecting the changing proportions of different expenditure categories in GNP) and the fixed-weighted price index for the gross business product. Data on both levels and percent changes are presented for the period since 1969.

The group of series on wages and productivity consists of data on average hourly earnings and average hourly compensation (including earnings and other benefits) in current and constant dollars, output per hour of work in the business sector, and rates of change for most of these measures.

Section C. Labor Force, Employment, and Unemployment

This section contains measures of the civilian labor force and its major components: Total numbers of employed and unemployed persons. The number of unemployed is subdivided into selected categories defined by sex, age, and class of worker. Also included are data on participation rates for a few principal segments of the labor force.

Section D. Government Activities

Receipts, expenditures, and their balance (surplus or deficit) are shown quarterly on two levels: (1) Federal Government and (2) State and local government. Also shown is a selection of series from the discontinued *Defense Indicators*. These series measure defense activities which influence short-term changes in the national economy. Included are series relating to obligations, contracts, orders, production, shipments, inventories, outlays, and employment. These series are grouped according to the time at which the activities they measure occur in the defense order-production-delivery process. Series measuring activities which usually precede production, such as contract awards and new orders, are classified as "advance measures of defense activity." Series measuring activities which tend to coincide with production, such as employment, and activities which usually follow production, such as shipments, are classified as "intermediate and final measures of defense activity."

Section E. U.S. International Transactions

This group includes monthly series on exports (excluding military aid) and general imports, plus a few selected components of these aggregates. Also shown are the balances between receipts and expenditures for goods and services, merchandise, and investment income.

Section F. International Comparisons

This section is designed to facilitate a quick review of basic economic conditions in six of the nations with which we have important trade relationships. The U.S. business cycle shading has been omitted from these charts. Data on industrial production, consumer prices, and stock prices for Canada, the United Kingdom, France, West Germany, Japan, and Italy are compared with the corresponding U.S. series. Also included is an industrial production index for the European countries in the Organization for Economic Cooperation and Development (OECD). The industrial production series provide cyclically sensitive output measures for large parts of the economies covered. Changes in consumer price indexes (plotted for the period since 1969) provide important measures of the rates of inflation in the major industrialized countries. Stock prices (also shown beginning in 1969) tend to be significant as leading indicators.

HOW TO READ CHARTS

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded area) as designated by NBER.

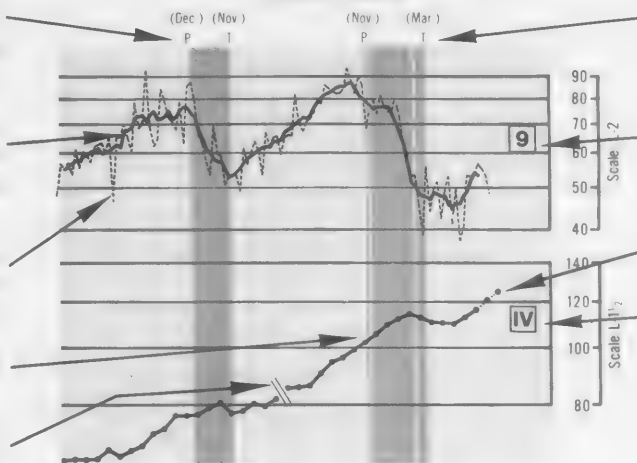
Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Broken line indicates actual monthly data for series where a moving average is plotted.

Solid line with plotting points indicates quarterly data.

Parallel lines indicates a break in continuity (data not available, extreme value, etc.).

Basic Data



Trough (T) of cycle indicates end of recession and beginning of expansion as designated by NBER.

Arabic number indicates latest month for which data are plotted. ("9" = September)

Dotted line indicates anticipated data.

Roman number indicates latest quarter for which data are plotted. ("IV" = fourth quarter)

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "scale L-1" is a logarithmic scale with 1 cycle in a given distance, "scale L-2" is a logarithmic scale with two cycles in that distance, etc.

Arabic number indicates latest month for which data are used in computing the indexes.

Roman number indicates latest quarter for which data are used in computing the indexes.

Dotted line indicates anticipated quarterly data over various spans.

Diffusion Indexes

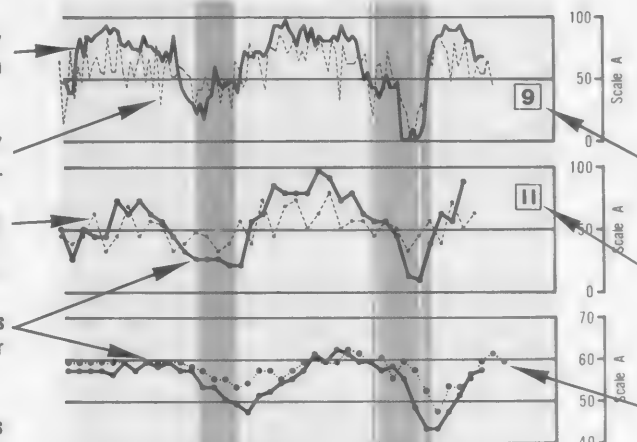
Solid line indicates monthly data over 6- or 9-month spans.

Broken line indicates monthly data over 1-month spans.

Broken line with plotting points indicates quarterly data over 1-quarter spans.

Solid line with plotting points indicates quarterly data over various spans.

Diffusion indexes and rates of change are centered within the spans they cover.

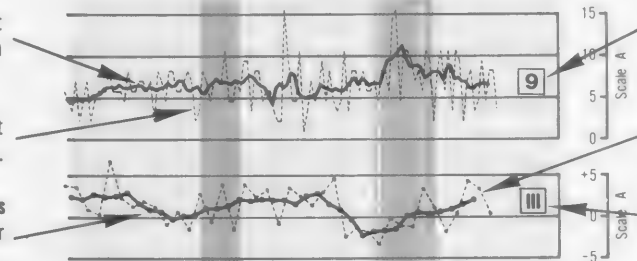


Rates of Change

Solid line indicates percent changes over 3- or 6-month spans.

Broken line indicates percent changes over 1-month spans.

Solid line with plotting points indicates percent changes over 3- or 4-quarter spans.



Arabic number indicates latest month used in computing the changes.

Broken line with plotting points indicates percent changes over 1-quarter spans.

Roman number indicates latest quarter used in computing the changes.

HOW TO LOCATE A SERIES

1. See **ALPHABETICAL INDEX—SERIES FINDING GUIDE** at the back of the report where series are arranged alphabetically according to subject matter and key words and phrases of the series titles, or—

2. See **TITLES AND SOURCES OF SERIES** at the back of the report where series are listed numerically according to series numbers within each of the report's sections.

Table 1. Summary of Recent Data and Current Changes for Principal Indicators

Series title	Timing classification ²	Unit of measure	Basic data ¹								Percent change				Series number
			Average		3d Q to 1980	4th Q 1980	1st Q 1981	Mar. 1981	Apr. 1981	May 1981	Mar. to Apr. 1981	Apr. to May 1981	3d Q to 4th Q 1980	4th Q to 1st Q 1981	
			1979	1980											
I. CYCLICAL INDICATORS															
A. Composite Indexes															
910. Twelve leading indicators	L.L.L.	1967=100	140.1	131.5	131.5	136.8	136.5	137.2	137.7	135.2	0.4	-1.8	4.0	-0.2	910
920. Four coincident indicators	C.C.C.	.....do.	145.1	140.4	137.2	141.2	143.2	143.6	142.6	142.7	-0.7	0.1	2.9	1.4	920
930. Six lagging indicators	Lg.Lg.Lg	.....do.	166.4	176.8	163.2	178.1	185.2	180.7	178.6	194.2	-1.2	8.7	9.1	4.0	930
Leading Indicator Subgroups:															
913. Marginal employment adjustments	L.L.L.	.....do.	96.8	93.4	92.9	95.5	95.2	94.9	95.0	94.4	0.1	-0.6	2.8	-0.3	913
914. Capital investment commitments	L.L.L.	.....do.	113.5	107.2	107.2	107.9	106.3	106.4	106.1	105.9	-0.3	-0.2	0.7	-1.5	914
915. Inventory investment and purchasing	L.L.L.	.....do.	105.9	101.1	99.9	103.4	103.3	104.2	104.6	102.8	0.4	-1.7	3.5	-0.1	915
916. Profitability	L.L.L.	.....do.	91.7	90.7	91.2	92.1	NA	NA	NA	NA	NA	NA	1.0	NA	916
917. Money and financial flows	L.L.L.	.....do.	145.5	135.4	136.5	138.7	139.5	139.1	137.8	135.7	-0.9	-1.5	1.6	0.6	917
B. Cyclical Indicators by Economic Process															
B1. Employment and Unemployment															
Marginal Employment Adjustments:															
*1. Average workweek, prod. workers, mfg.	L.L.L.	Hours	40.2	39.7	39.3	39.9	40.1	40.0	40.1	40.2	0.2	0.2	1.5	0.5	1
21. Avg. weekly overtime, prod. workers, mfg. ²	L.C.L.	.....do.	3.3	2.8	2.6	2.9	3.0	2.9	2.9	3.1	0.	0.2	0.3	0.1	21
22. Accession rate, per 100 employees, mfg. ²	L.L.L.	Percent	4.0	3.5	3.6	3.7	3.5	3.5	3.2	3.0	-0.3	-0.2	0.1	-0.2	22
5. Avg. weekly initial claims (inverted ⁴)	L.C.L.	Thousands	381	485	513	415	413	421	408	411	3.1	-0.7	19.1	0.5	5
*3. Layoff rate, per 100 employ., mfg. (inv. ⁴) ²	L.L.L.	Percent	1.1	1.7	1.7	1.2	1.4	1.4	1.2	1.4	0.2	-0.2	0.5	-0.2	3
4. Quit rate, per 100 employees, mfg. ²	L.L.U.	.....do.	2.0	1.5	1.3	1.4	1.5	1.4	1.3	1.3	-0.1	0.	0.1	0.1	4
Job Vacancies:															
60. Ratio, help-wanted advertising to persons unemployed ²	L.L.U.	Ratio	0.786	0.520	0.448	0.491	0.487	0.479	0.453	0.430	-0.026	-0.023	0.043	-0.004	60
46. Help-wanted advertising	L.L.U.	1967=100	158	129	119	130	127	125	118	118	-5.6	0.	9.2	-2.3	46
Comprehensive Employment:															
48. Employee hours in nonagri. establishments	U.C.C.	A.r., bil. hrs.	169.72	169.96	168.17	170.41	172.36	172.27	170.70	171.52	-0.9	0.5	1.3	1.1	48
42. Persons engaged in nonagri. activities	U.C.C.	Thousands	93,648	93,960	93,769	93,925	94,692	95,136	95,513	95,882	0.4	0.4	0.2	0.8	42
*41. Employees on nonagri. payrolls	C.C.C.	.....do.	89,886	90,657	90,131	90,932	91,613	91,705	91,490	91,474	-0.2	0.	0.9	0.7	41
40. Employees in mfg., mining, construction	L.C.U.	.....do.	26,504	25,855	25,317	25,780	26,013	26,010	25,830	25,678	-0.7	-0.6	1.8	0.9	40
90. Ratio, civilian employment to total population of working age ²	U.L.U.	Percent	59.25	58.51	58.27	58.18	58.43	58.61	58.89	58.97	0.28	0.08	-0.09	0.25	90
Comprehensive Unemployment:															
37. Total unemployed (inverted ⁴)	L.L.U.	Thousands	5,963	7,448	7,921	7,897	7,788	7,764	7,746	8,171	0.2	-5.5	0.3	1.4	37
43. Unemployment rate, total (inverted ⁴) ²	L.L.U.	Percent	5.8	7.1	7.5	7.5	7.3	7.3	7.3	7.6	0.	-0.3	0.	0.2	43
45. Avg. weekly insured unemployment rate (inv. ⁴) ²	L.L.U.	.....do.	2.9	3.9	4.3	3.8	3.3	3.3	3.3	3.3	0.	0.	0.5	0.5	45
*91. Avg. duration of unemployment (inverted ⁴)	L.L.L.	Weeks	10.8	11.9	12.4	13.5	14.3	14.0	13.7	13.2	2.1	3.6	-8.9	-5.9	91
44. Unemploy. rate, 15 weeks and over (inv. ⁴) ²	Lg.Lg.Lg	Percent	1.2	1.7	2.0	2.2	2.1	2.1	2.0	2.0	0.1	0.	-0.2	0.1	44
B2. Production and Income															
Comprehensive Output and Income:															
50. GNP in 1972 dollars	C.C.C.	A.r., bil. dol.	1483.0	1480.7	1471.9	1485.6	1516.4	...	1233.5	1235.5	...	...	0.9	2.1	50
52. Personal income in 1972 dollars	C.C.C.	.....do.	1197.4	1207.5	1207.6	1220.0	1230.6	1233.1	1233.5	1235.5	0.	0.2	1.0	0.9	52
*51. Pers. income less transfer pay., 1972 dollars	C.C.C.	.....do.	1043.8	1043.2	1035.6	1050.3	1061.1	1063.5	1064.5	1066.6	0.1	0.2	1.4	1.0	51
53. Wages and salaries in mining, mfg., and construction, 1972 dollars	C.C.C.	.....do.	247.2	231.0	226.0	231.0	233.3	232.5	231.7	230.9	-0.3	-0.3	2.2	1.0	53
Industrial Production:															
*47. Industrial production, total	C.C.C.	1967=100	152.5	147.1	142.1	149.1	151.8	152.2	152.3	152.8	0.1	0.3	4.9	1.8	47
73. Industrial production, durable mfrs.	C.C.C.	.....do.	146.4	136.6	129.8	138.6	141.4	142.2	142.7	143.5	0.4	0.6	6.8	2.0	73
74. Industrial production, nondurable mfrs.	C.C.C.	.....do.	164.0	161.1	157.3	163.4	165.6	165.5	166.1	166.6	0.4	0.3	3.9	1.3	74
49. Value of goods output, 1972 dollars	C.C.C.	A.r., bil. dol.	674.5	665.2	657.5	662.9	688.9	...	...	...	...	...	0.8	3.9	49
Capacity Utilization:															
82. Capacity utilization rate, mfg., FRB ³	L.C.U.	Percent	85.6	79.0	75.7	79.2	79.9	...	...	...	...	...	3.5	0.7	82
83. Capacity utilization rate, mfg., BEA ²	.....do.	.....do.	82	78	76	78	78	...	...	...	...	...	2	0	83
84. Capacity utilization rate, materials, FRB ³	L.C.U.	.....do.	87.4	79.8	74.9	80.0	81.7	...	...	...	...	...	5.1	1.7	84
B3. Consumption, Trade, Orders, and Deliveries															
Orders and Deliveries:															
6. New orders, durable goods	L.L.L.	Bil. dol.	77.20	76.34	75.14	81.46	82.59	84.21	84.29	83.94	0.1	-0.4	8.4	1.4	6
7. New orders, durable goods, 1972 dollars	L.L.L.	.....do.	41.40	36.86	35.98	38.09	38.14	38.75	38.44	37.96	-0.8	-1.2	5.9	0.1	7
*8. New orders, cons. goods and mfrs., 1972 dol.	L.L.L.	.....do.	36.46	32.80	32.13	34.29	33.68	34.07	34.16	33.14	0.3	-3.0	6.7	-1.8	8
25. Chg. in unfilled orders, durable goods ²	L.L.L.	.....do.	3.26	0.99	1.41	1.71	1.46	2.16	1.69	0.72	-0.47	-0.97	0.30	-0.25	25
96. Mfrs. unfilled orders, durable goods ²	L.L.U.	Bil. dol., EOP	267.88	279.75	274.62	279.75	284.11	284.11	285.80	286.52	0.6	0.3	1.9	1.6	96
*32. Vendor performance ² (3)	L.L.L.	Percent	63	40	35	45	49	52	56	52	4	-4	10	4	32
Consumption and Trade:															
56. Manufacturing and trade sales	C.C.C.	Bil. dol.	288.22	312.04	310.16	331.39	346.20	346.58	346.15	NA	-0.1	NA	6.8	4.5	56
*57. Manufacturing and trade sales, 1972 dollars	C.C.C.	.....do.	159.46	153.35	151.21	155.77	157.91	159.36	156.43	NA	-1.8	NA	3.0	1.4	57
75. Industrial production, consumer goods	C.L.C.	1967=100	150.8	145.5	143.0	147.4	147.4	148.2	149.3	150.0	0.7	0.5	3.1	0.	75
54. Sales of retail stores	C.L.U.	Mil. dol.	74,529	79,721	79,980	82,586	86,627	87,608	85,745	85,890	-2.1	0.2	3.3	4.9	54
59. Sales of retail stores, 1972 dollars	U.L.U.	.....do.	45,172	43,656	43,461	43,781	45,039	45,182	44,108	44,091	-2.4	0.	0.7	2.9	59
55. Personal consumption expend., autos	L.C.C.	A.r., bil. dol.	65.3	61.8	58.7	66.1	75.6	...	...	...	...	...	12.6	14.4	55
58. Index of consumer sentiment (3)	L.L.L.	1Q 1966=100	66.0	64.4	67.8	72.1	68.3	66.5	72.4	76.3	8.9	5.4	6.3	-5.3	58
B4. Fixed Capital Investment															
Formation of Business Enterprises:															
*12. Net business formation	L.L.L.	1967=100	131.7	121.1	117.9	120.0	117.6	117.6	NA	NA	NA	NA	1.8	-2.0	12
13. New business incorporations	L.L.L.	Number	43,714	44,337	44,604	47,470	NA	NA	NA	NA	NA	NA	6.4	NA	13

Table 1. Summary of Recent Data and Current Changes for Principal Indicators—Continued

Series title	Timing classification ¹	Unit of measure	Basic data ¹								Percent change				Series number
			Average		3d Q 1980	4th Q 1980	1st Q 1981	Mar. 1981	Apr. 1981	May 1981	Mar. to Apr. 1981	Apr. to May 1981	3d Q to 4th Q 1980	4th Q to 1st Q 1981	
			1979	1980											
I. CYCLICAL INDICATORS—Con.															
B4. Fixed Capital Investment—Con.															
Business Investment Commitments:															
10. Contracts and orders, plant and equipment ...	L,L,L	Bil. dol.	25.47	24.66	24.23	25.96	26.39	28.04	26.48	26.07	-5.6	-1.5	7.1	1.7	10
*20. Contr. and orders, plant and equip., 1972 dol.	L,L,L	....do....	14.65	13.25	13.06	13.58	13.58	14.24	13.28	13.13	-6.7	-1.1	4.0	0.	20
24. New orders, cap. goods indus., nondefense	L,L,L	....do....	21.64	21.30	20.61	21.38	22.96	23.79	23.37	23.25	-1.8	-0.5	3.7	7.4	24
27. New orders, capital goods industries, nondefense, 1972 dollars	L,L,L	....do....	12.68	11.72	11.42	11.51	12.07	12.37	11.92	11.89	-3.6	-0.3	0.8	4.9	27
9. Construction contracts, commercial and industrial buildings, floor space	L,C,U	Mil. sq. ft. ...	90.52	77.96	69.50	85.24	84.37	90.00	77.53	82.86	-13.9	6.9	22.6	-1.0	9
11. New capital appropriations, mfg.	U,Lg,U	Bil. dol.	22.20	26.36	24.29	25.81	29.88	...	...	...	...	...	6.3	15.8	11
97. Backlog of capital appropriations, mfg. ²	C,Lg,L	Bil. dol., EOP	76.66	91.87	89.72	91.87	96.48	...	...	...	...	...	2.4	5.0	97
Business Investment Expenditures:															
61. Business expend., new plant and equipment ...	C,Lg,L	A.r., bil. dol.	270.46	295.63	296.23	299.58	312.24	...	...	...	...	...	1.1	4.2	61
69. Machinery and equipment sales and business construction expenditures	C,Lg,L	....do....	271.93	298.01	294.14	304.95	317.69	323.48	320.10	NA	-1.0	NA	3.7	4.2	69
76. Industrial production, business equip.	C,Lg,U	1967=100	171.3	173.3	170.3	174.9	179.2	180.5	182.2	183.3	0.9	0.6	2.7	2.5	76
86. Nonresid. fixed investment, total, 1972 dol.	C,Lg,C	A.r., bil. dol.	163.3	158.4	155.5	157.0	162.0	...	...	...	...	...	1.0	3.2	86
Residential Construction Commitments and Investment:															
28. New private housing units started, total	L,L,L	A.r., thous.	1,745	1,292	1,390	1,535	1,391	1,297	1,340	1,152	3.3	-14.0	10.4	-9.4	28
*29. New building permits, private housing	L,L,L	1967=100	123.6	96.6	110.5	106.8	95.1	93.1	95.8	94.3	2.9	-1.6	-3.3	-11.0	29
89. Fixed investment, residential, 1972 dol.	L,L,L	A.r., bil. dol.	59.1	48.1	44.7	50.6	51.0	...	...	...	...	...	13.2	0.8	89
B5. Inventories and Inventory Investment															
Inventory Investment:															
30. Chg. in business inventories, 1972 dol. ¹	L,L,L	....do....	10.2	-2.9	-5.0	-7.2	-1.4	...	...	...	...	...	-2.2	5.8	30
*36. Change in inventories on hand and on order, 1972 dollars (smoothed) ¹	L,L,L	....do....	10.49	-9.60	-13.69	-0.92	-6.48	-4.72	-0.28	NA	4.44	NA	12.77	-5.56	36
31. Chg. in book value, mfg. and trade invent. ²	L,L,L	....do....	46.2	30.0	30.1	8.8	42.7	19.1	30.5	NA	11.4	NA	-21.3	33.9	31
38. Chg. in mtl. stocks on hand and on order ²	L,L,L	Bil. dol.	2.56	0.42	0.25	1.21	0.38	0.14	1.38	NA	1.24	NA	0.96	-0.83	38
Inventories on Hand and on Order:															
71. Mfg. and trade inventories, total ⁵	Lg,Lg,Lg	Bil. dol., EOP	426.80	461.72	454.57	461.72	472.39	472.39	474.93	NA	0.5	NA	1.6	2.3	71
*70. Mfg. and trade invent., total, 1972 dol. ³	Lg,Lg,Lg	....do....	265.44	262.97	264.24	262.97	262.64	262.64	263.03	NA	0.1	NA	-0.5	-0.1	70
65. Mfrs.' inventories of finished goods ⁵	Lg,Lg,Lg	....do....	70.53	75.58	76.76	75.58	78.57	78.57	78.71	NA	0.2	NA	-1.5	4.0	65
77. Ratio, inventories to sales, mfg. and trade, constant dollars ²	Lg,Lg,Lg	Ratio	1.66	1.73	1.75	1.69	1.66	1.65	1.68	NA	0.03	NA	-0.06	-0.03	77
78. Materials and supplies, stocks on hand and on order ⁵	L,Lg,Lg	Bil. dol., EOP	199.20	204.27	200.63	204.27	205.41	205.41	206.79	NA	0.7	NA	1.8	0.6	78
B6. Prices, Costs, and Profits															
Sensitive Commodity Prices:															
*82. Chg. in sensitive prices (smoothed) ⁴	L,L,L	Percent	1.98	1.49	1.14	2.28	2.83	3.36	2.84	1.78	-0.52	-1.06	1.14	0.55	92
23. Spot market prices, raw materials ¹⁰	U,L,L	1967=100	293.0	298.0	289.3	301.3	288.5	289.8	293.0	288.9	1.1	-1.4	4.1	-4.2	23
Stock Prices:															
*19. Stock prices, 500 common stocks ¹⁰	L,L,L	1941-43=100	103.01	118.78	123.28	133.12	131.52	133.19	134.43	131.73	0.9	-2.0	8.0	-1.2	19
Profits and Profit Margins:															
16. Corporate profits after taxes	L,L,L	A.r., bil. dol.	167.8	163.2	159.1	164.3	168.0	...	...	...	...	...	3.3	2.3	16
18. Corp. profits after taxes, 1972 dollars	L,L,L	....do....	99.6	88.8	85.5	86.6	87.2	...	...	...	...	...	1.3	0.7	18
79. Corp. profits after taxes with IVA and CCA ¹¹	L,C,L	....do....	109.2	100.3	99.4	98.1	111.9	...	...	...	...	...	-1.3	14.1	79
80. Mfrs.' profits after taxes, 1972 dollars	L,C,L	....do....	65.5	55.1	54.0	52.2	58.4	...	...	...	...	...	-3.3	11.9	80
15. Profits (after taxes) per dol. of sales, mfg. ³	L,L,L	Cents	5.7	4.9	4.6	4.9	5.0	...	...	...	...	...	0.3	0.1	15
26. Ratio, price to unit labor cost, nonfarm bus.	L,L,L	1977=100	96.8	96.3	96.5	96.4	96.6	...	...	...	...	...	-0.1	0.2	26
Cash Flows:															
34. Net cash flow, corporate	L,L,L	A.r., bil. dol.	257.1	265.4	262.9	272.0	279.0	...	...	...	...	...	3.5	2.6	34
35. Net cash flow, corporate, 1972 dollars	L,L,L	....do....	149.1	141.8	138.6	141.1	142.9	...	...	...	...	...	1.8	1.3	35
Unit Labor Costs and Labor Share:															
63. Unit labor cost, private business sector	Lg,Lg,Lg	1977=100	119.9	132.4	133.9	137.0	139.5	...	...	...	...	...	2.3	1.8	63
68. Labor cost (cur. dol.) per unit of gross domestic product (1972), nonfin. corp.	Lg,Lg,Lg	Dollars	1,092	1,196	1,203	1,230	1,244	...	...	...	...	...	2.2	1.1	68
*62. Labor cost per unit of output, mfg.	Lg,Lg,Lg	1967=100	175.8	195.1	200.9	200.1	203.9	204.6	205.9	206.9	0.6	0.5	-0.4	1.9	62
64. Compensation of employees as percent of national income ²	Lg,Lg,Lg	Percent	74.4	75.3	75.3	75.4	75.2	...	...	...	...	...	0.1	-0.2	64
B7. Money and Credit															
Money:															
85. Change in money supply (M1-B) ²	L,L,L	Percent	0.60	0.52	1.35	0.35	0.93	0.93	1.56	-0.42	0.63	-1.98	-1.00	0.58	85
102. Change in money supply (M2) ²	L,C,U	....do....	0.71	0.75	1.18	0.50	0.96	1.30	1.05	0.36	-0.25	-0.69	-0.68	0.46	102
*104. Chg. in total liquid assets (smoothed) ¹²	L,L,L	....do....	0.97	0.73	0.76	0.88	1.03	0.95	0.78	0.66	-0.17	-0.12	0.12	0.15	104
105. Money supply (M1-B), 1972 dollars	L,L,L	Bil. dol.	215.8	202.1	201.9	201.2	199.3	199.6	201.8	199.7	1.1	-1.0	-0.3	-0.9	105
*106. Money supply (M2), 1972 dollars	L,L,L	....do....	846.5	812.9	819.5	811.2	807.2	810.5	815.7	813.1	0.6	-0.3	-1.0	-0.5	106
Velocity of Money:															
107. Ratio, GNP to money supply (M1-B) ²	C,C,C	Ratio	6.446	6.594	6.567	6.620	6.804	...	...	...	...	...	0.053	0.184	107
108. Ratio, pers. income to money supply (M2) ²	C,Lg,C	....do....	1.323	1.348	1.339	1.356	1.366	1.363	1.356	1.359	-0.007	0.003	0.017	0.010	108
Credit Flows:															
33. Change in mortgage debt ²	L,L,L	A.r., bil. dol.	85.26	61.25	61.70	80.11	54.90	43.74	52.61	NA	8.87	NA	18.41	-25.21	33
112. Change in business loans ²	L,L,L	....do....	22.88	19.60	24.38	35.54	-11.90	-23.04	30.68	48.02	53.72	17.34	11.16	-47.44	112
113. Change in consumer installment credit ²	L,L,L	....do....	38.69	2.90	1.38	12.64	23.89	37.30	27.97	NA	-9.33	NA	11.26	11.25	113
110. Total private borrowing	L,L,L	....do....	356.98	286.18	286.77	335.65	332.51	...	...	...	...	...	17.0	-0.9	110

Table 1. Summary of Recent Data and Current Changes for Principal Indicators—Continued

Series title	Timing classification ²	Unit of measure	Basic data ¹								Percent change				Series number
			Average		3d Q 1980	4th Q 1980	1st Q 1981	Mar. 1981	Apr. 1981	May 1981	Mar. to Apr. 1981	Apr. to May 1981	3d Q to 4th Q 1980	4th Q to 1st Q 1981	
			1979	1980											
I. CYCLICAL INDICATORS—Con.															
B7. Money and Credit—Con.															
Credit Difficulties															
14. Liabilities of business failures (inv.) ⁴ ①	L,L,L	Mil. dol.	222.28	386.26	598.01	295.63	NA	NA	NA	NA	NA	NA	50.6	NA	14
39. Delinquency rate, instal. loans (inv.) ^{4,2}	L,L,L	Percent, EOP	2.64	2.57	2.70	2.57	2.53	2.53	NA	NA	NA	NA	0.13	0.04	39
Bank Reserves															
93. Free reserves (inverted) ^{4,2} ①	L,U,U	Mil. dol.	-1,131	-1,141	-508	-1,269	-872	-624	-1,317	-2,023	693	706	761	-397	93
94. Borrowing from the Federal Reserve ² ①	L,L,U	do.	1,338	1,420	788	1,703	1,229	1,004	1,343	2,154	339	811	915	-474	94
Interest Rates															
119. Federal funds rate ² ①	L,L,Lg	Percent	11.19	13.36	9.84	15.85	16.57	14.70	15.72	18.52	1.02	2.80	6.01	0.72	119
114. Treasury bill rate ² ①	C,L,Lg	do.	10.04	11.61	9.24	13.71	14.37	13.48	13.63	16.30	0.15	2.67	4.47	0.66	114
115. Treasury bond yields ² ①	C,L,Lg	do.	8.74	10.81	10.43	11.64	12.01	12.15	12.62	12.96	0.47	0.34	1.21	0.37	115
116. Corporate bond yields ² ①	Lg,L,Lg	do.	10.05	12.77	12.18	13.88	14.37	14.49	15.00	15.68	0.51	0.68	1.70	0.49	116
117. Municipal bond yields ² ①	Lg,L,Lg	do.	6.52	8.60	8.58	9.62	9.98	10.16	10.62	10.78	0.46	0.16	1.04	0.36	117
118. Mortgage yields, residential ² ①	Lg,L,Lg	do.	10.89	13.42	13.40	14.31	14.69	15.04	15.91	16.33	0.87	0.42	0.91	0.38	118
67. Bank rates on short-term bus. loans ² ①	Lg,L,Lg	do.	13.18	15.17	11.56	15.71	19.91	...	...	...	...	...	4.15	4.20	67
*109. Average prime rate charged by banks ² ①	Lg,L,Lg	do.	12.67	15.27	11.61	16.73	19.21	18.05	17.15	19.61	-0.90	2.46	5.12	2.48	109
Outstanding Debt															
68. Consumer installment credit ²	Lg,L,Lg	Bil. dol., EOP	303.58	306.47	303.31	306.47	312.45	312.45	314.78	NA	0.7	NA	1.0	2.0	66
*72. Commercial and industrial loans outstanding, weekly reporting large comm. banks	Lg,L,Lg	Bil. dol.	147.06	163.76	162.81	170.91	172.87	171.22	173.77	177.78	1.5	2.3	5.0	1.1	72
*95. Ratio, consumer instal. credit to pers. income ²	Lg,L,Lg	Percent	14.79	14.14	13.86	13.52	13.35	13.35	13.37	NA	0.02	NA	-0.34	-0.17	95
II. OTHER IMPORTANT ECONOMIC MEASURES															
B. Prices, Wages, and Productivity															
B1. Price Movements															
310. Implicit price deflator, GNP	1972=100	do.	162.8	177.4	179.2	183.8	188.1	...	...	...	...	...	2.6	2.3	310
320. Consumer prices (CPI), all items ^①	1967=100	do.	217.4	246.8	249.6	256.2	262.9	265.1	266.8	269.0	0.6	0.8	2.6	2.6	320
320c. Change in CPI, all items, S/A ²	Percent	do.	1.0	1.0	0.6	1.0	0.8	0.6	0.4	0.7	-0.2	0.3	0.4	-0.2	320
322. CPI, food	1967=100	do.	234.5	254.6	257.5	267.4	270.7	271.6	271.6	271.0	0.	-0.2	3.8	1.2	322
330. Producer prices (PPI), all commodities ^①	do.	do.	235.6	268.8	272.9	279.2	287.0	289.6	292.8	293.7	1.1	0.3	2.3	2.8	330
331. PPI, crude materials	do.	do.	282.2	304.6	314.3	328.7	329.1	327.0	331.8	330.1	1.5	-0.5	4.6	0.1	331
332. PPI, intermediate materials	do.	do.	242.8	280.3	283.3	290.4	298.8	301.1	304.3	305.9	1.1	0.5	2.5	2.9	332
333. PPI, capital equipment	do.	do.	216.7	239.8	242.9	249.5	255.7	257.7	260.1	262.4	0.9	0.9	2.7	2.5	333
334. PPI, finished consumer goods	do.	do.	215.7	248.9	253.5	258.6	264.3	267.2	269.3	269.9	0.8	0.2	2.0	2.2	334
B2. Wages and Productivity															
340. Average hourly earnings, production workers, private nonfarm economy	do.	do.	229.8	250.6	253.8	260.2	266.5	268.6	269.8	271.5	0.4	0.6	2.5	2.4	340
341. Real average hourly earnings, production workers, private nonfarm economy	do.	do.	105.6	101.7	101.9	101.2	101.0	101.1	101.2	101.2	0.1	0.	-0.7	-0.2	341
345. Average hourly compensation, nonfarm bus.	1977=100	do.	118.6	130.1	131.6	134.7	138.3	...	...	...	...	...	2.4	2.7	345
346. Real avg. hourly comp., nonfarm business	do.	do.	99.1	95.7	95.9	95.1	95.1	...	...	...	...	...	-0.8	0.	346
370. Output per hour, private business sector	do.	do.	99.4	99.1	99.2	98.9	99.8	...	...	...	...	...	-0.3	0.9	370
C. Labor Force, Employment, and Unemployment															
441. Total civilian labor force	Millions	do.	102.91	104.72	104.98	105.17	105.80	106.18	106.72	107.41	0.5	0.6	0.2	0.6	441
442. Total civilian employment	do.	do.	96.94	97.27	97.06	97.28	98.01	98.41	98.98	99.24	0.6	0.3	0.2	0.8	442
37. Number of persons unemployed	Thousands	do.	5,963	7,448	7,921	7,897	7,788	7,764	7,746	8,171	-0.2	5.5	-0.3	-1.4	37
444. Unemployed males, 20 years and over	do.	do.	2,223	3,261	3,631	3,496	3,323	3,305	3,262	3,546	-1.3	8.7	-3.7	-4.9	444
445. Unemployed females, 20 years and over	do.	do.	2,213	2,547	2,600	2,734	2,718	2,725	2,721	2,838	-0.1	4.3	5.2	-0.6	445
446. Unemployed persons, 16-19 years of age	do.	do.	1,528	1,640	1,689	1,667	1,747	1,734	1,763	1,787	1.7	1.4	-1.3	4.8	446
Labor Force Participation Rates															
451. Males, 20 years and over ²	Percent	do.	79.8	79.4	79.4	79.2	78.9	79.2	79.4	79.8	0.2	0.4	-0.2	-0.3	451
452. Females, 20 years and over ²	do.	do.	50.6	51.4	51.5	51.4	51.9	52.1	52.3	52.6	0.2	0.3	-0.1	0.5	452
453. Both sexes, 16-19 years of age ²	do.	do.	58.1	56.9	56.4	56.4	56.9	56.6	57.7	57.4	1.1	-0.3	0.	0.5	453
D. Government Activities															
D1. Receipts and Expenditures															
501. Federal Government receipts	A.T., bil. dol.	do.	494.4	540.8	540.8	573.2	620.7	...	...	...	...	...	6.0	8.3	501
502. Federal Government expenditures	do.	do.	509.2	602.0	615.0	641.1	664.0	...	...	...	...	...	4.2	3.6	502
500. Federal Government surplus or deficit ²	do.	do.	-14.8	-61.2	-74.2	-67.9	-43.3	...	...	...	...	...	6.3	24.6	500
511. State and local government receipts	do.	do.	351.2	384.0	386.8	403.4	411.8	...	...	...	...	...	4.3	2.1	511
512. State and local government expenditures	do.	do.	324.4	355.0	358.2	366.3	374.7	...	...	...	...	...	2.3	2.3	512
510. State and local govt. surplus or deficit ²	do.	do.	26.7	29.1	28.6	37.1	37.0	...	...	...	...	...	8.5	-0.1	510
D2. Defense Indicators															
517. Defense Department obligations	Mil. dol.	do.	11,141	13,392	13,319	13,905	15,370	15,560	NA	NA	NA	NA	4.4	10.5	517
525. Military prime contract awards	do.	do.	5,356	6,961	7,270	7,010	NA	NA	NA	NA	NA	NA	-3.6	NA	525
548. New orders, defense products	do.	do.	3,284	4,577	5,113	4,729	4,895	4,835	4,790	5,810	-0.9	21.3	-7.5	3.5	548
564. National defense purchases	A.T., bil. dol.	do.	111.2	131.7	131.4	141.6	145.2	...	...	...	...	...	7.8	2.5	564
E. U.S. International Transactions															
E1. Merchandise Trade															
602. Exports, total except military aid	Mil. dol.	do.	15,137	18,390	18,727	19,060	20,008	21,434	19,818	NA	-7.5	NA	1.8	5.0	602
604. Exports of agricultural products	do.	do.	2,886	3,435	3,480	3,596	4,158	4,201	3,604	NA	-14.2	NA	3.3	15.6	604
606. Exports of nonelectrical machinery	do.	do.	3,009	3,788	4,081	3,968	4,188	4,352	4,311	NA	-0.9	NA	-2.8	5.5	606
612. General imports, total	do.	do.	17,160	20,417	19,597	20,548	22,022	20,949	22,289	NA	6.4	NA	4.9	7.2	612
614. Imports of petroleum and products	do.	do.	4,676	6,139	5,384	6,060	7,123	5,992	6,919	NA	15.5	NA	12.6	17.5	614
616. Imports of automobiles and parts	do.	do.	1,853	2,030	2,171	2,133	2,044	2,125	2,042	NA	-3.9	NA	-1.8	-4.2	616

Table 1. Summary of Recent Data and Current Changes for Principal Indicators—Continued

Series title	Unit of measure	Basic data ¹										Percent change			Series number
		Average			4th Q 1979	1st Q 1980	2d Q 1980	3d Q 1980	4th Q 1980	1st Q 1981	2d Q to 3d Q 1980	3d Q to 4th Q 1980	4th Q to 1st Q 1981		
		1978	1979	1980											
II. OTHER IMPORTANT ECONOMIC MEASURES—Con.															
E2. Goods and Services Movements Except Transfers Under Military Grants															
618. Merchandise exports	Mil. dol.	35,514	46,118	55,992	51,367	54,898	55,667	56,252	57,149	61,117	1.1	1.6	6.9	618	
620. Merchandise imports	do.	43,953	52,955	62,327	59,726	65,024	62,411	59,154	62,719	65,719	-5.2	6.0	4.8	620	
622. Merchandise trade balance ²	do.	-8,440	-6,836	-6,335	-8,359	-10,126	-6,744	-2,902	-5,570	-4,602	3,842	-2,668	968	622	
651. Income on U.S. investments abroad	do.	10,816	16,675	18,985	18,952	20,465	16,860	18,850	19,764	21,420	11.8	4.8	8.4	651	
662. Income on foreign investment in the U.S.	do.	5,466	8,310	10,794	9,203	10,629	10,342	10,697	11,507	12,551	3.4	7.6	9.1	662	
668. Exports of goods and services	do.	55,256	72,232	86,168	79,894	85,764	83,617	86,655	88,636	94,159	3.6	2.3	6.2	668	
669. Imports of goods and services	do.	57,508	70,480	83,472	78,582	85,981	82,830	80,177	84,902	89,560	-3.2	5.9	5.5	669	
667. Balance on goods and services ³	do.	-2,252	1,752	2,696	1,312	-217	787	6,478	3,734	4,599	5,691	-2,744	865	667	
A. National Income and Product															
A1. GNP and Personal Income															
50. GNP in 1972 dollars	A., bil. dol.	1436.9	1483.0	1480.7	1490.6	1501.9	1463.3	1471.9	1485.6	1516.4	0.6	0.9	2.1	50	
200. GNP in current dollars	do.	2156.1	2413.9	2626.1	2496.3	2571.7	2564.8	2637.3	2730.6	2853.0	2.8	3.5	4.5	200	
213. Final sales, 1972 dollars	do.	1422.9	1472.9	1483.6	1491.3	1502.8	1462.0	1476.9	1492.7	1517.8	1.0	1.1	1.7	213	
224. Disposable personal income, current dollars	do.	1462.9	1641.7	1821.7	1710.1	1765.1	1784.1	1840.6	1897.0	1947.8	3.2	3.1	2.7	224	
225. Disposable personal income, 1972 dollars	do.	981.5	1011.5	1018.4	1017.7	1021.0	1008.2	1018.5	1025.8	1033.3	1.0	0.7	0.7	225	
217. Per capita GNP in 1972 dollars	A., dollars	6,568	6,721	6,646	6,731	6,767	6,578	6,597	6,640	6,764	0.3	0.7	1.9	217	
227. Per capita disposable pers. income, 1972 dol.	do.	4,487	4,584	4,571	4,596	4,600	4,532	4,565	4,585	4,609	0.7	0.4	0.5	227	
A2. Personal Consumption Expenditures															
231. Total, 1972 dollars	A., bil. dol.	904.8	930.9	935.1	941.6	943.4	919.3	930.8	946.8	960.2	1.3	1.7	1.4	231	
233. Durable goods, 1972 dollars	do.	146.3	146.6	135.8	146.0	145.4	126.2	132.6	139.1	146.8	5.1	4.9	5.5	233	
238. Nondurable goods, 1972 dollars	do.	345.7	354.6	358.4	361.3	361.5	356.6	354.9	360.4	364.5	-0.5	1.5	1.1	238	
239. Services, 1972 dollars	do.	412.8	429.6	440.9	434.3	436.5	436.5	443.3	447.3	448.9	1.6	0.9	0.4	239	
230. Total, current dollars	do.	1348.7	1510.9	1672.8	1582.3	1631.0	1626.8	1682.2	1751.0	1810.1	3.4	4.1	3.4	230	
232. Durable goods, current dollars	do.	199.3	212.3	211.9	216.1	220.9	194.4	208.8	223.3	238.3	7.4	6.9	6.7	232	
236. Nondurable goods, current dollars	do.	529.8	602.2	675.7	639.2	661.1	664.0	674.2	703.5	726.0	1.5	4.3	3.2	236	
237. Services, current dollars	do.	619.6	696.3	785.2	727.0	749.0	768.4	799.2	824.2	845.8	4.0	3.1	2.6	237	
A3. Gross Private Domestic Investment															
241. Total, 1972 dollars	do.	229.7	232.6	203.6	221.5	218.3	200.5	195.3	200.5	211.6	-2.6	2.7	5.5	241	
243. Total fixed investment, 1972 dollars	do.	215.8	222.5	206.6	222.2	219.2	199.2	200.2	207.6	213.1	0.5	3.7	2.6	243	
30. Change in business inventories, 1972 dol. ³	do.	14.0	10.2	-2.9	-0.7	-0.9	1.3	-5.0	-7.2	-1.4	-6.3	-2.2	5.8	30	
240. Total, current dollars	do.	375.3	415.8	395.3	410.0	415.6	390.9	377.1	397.7	437.1	-3.5	5.5	9.9	240	
242. Total fixed investment, current dollars	do.	353.2	398.3	401.2	410.8	413.1	383.5	393.2	415.1	432.7	2.5	5.6	4.2	242	
245. Chg. in bus. inventories, current dol. ³	do.	22.2	17.5	-5.9	-0.8	2.5	7.4	-16.0	-17.4	4.5	-23.4	-1.4	21.9	245	
A4. Government Purchases of Goods and Services															
261. Total, 1972 dollars	do.	277.8	281.8	290.0	285.3	290.1	291.9	288.2	289.8	293.6	-1.3	0.6	1.3	261	
263. Federal Government, 1972 dollars	do.	99.8	101.7	108.1	103.1	107.6	110.7	106.9	107.4	111.2	-3.4	0.5	3.5	263	
267. State and local governments, 1972 dollars	do.	178.0	180.1	181.9	182.2	182.5	181.2	181.3	182.4	182.5	0.1	0.6	0.1	267	
260. Total, current dollars	do.	432.6	473.8	534.7	496.4	516.8	530.0	533.5	558.6	576.5	0.7	4.7	3.2	260	
262. Federal Government, current dollars	do.	153.4	167.9	198.9	178.1	190.0	198.7	194.9	212.0	221.6	-1.9	8.8	4.5	262	
266. State and local governments, current dollars	do.	279.2	305.9	335.8	318.3	326.8	331.3	338.6	346.6	354.9	2.2	2.4	2.4	266	
A5. Foreign Trade															
256. Exports of goods and services, 1972 dollars	do.	127.5	146.9	161.1	154.8	165.9	160.5	160.5	157.4	162.5	0.	-1.9	3.2	256	
257. Imports of goods and services, 1972 dollars	do.	103.0	109.2	109.1	112.6	115.8	108.9	102.8	108.9	111.6	-5.6	5.9	2.5	257	
255. Net exports of goods and serv., 1972 dol. ²	do.	24.6	37.7	52.0	42.2	50.1	51.7	57.6	48.5	50.9	5.9	-9.1	2.4	255	
252. Exports of goods and services, current dol.	do.	219.8	281.3	339.8	306.3	337.3	333.3	342.4	346.1	367.4	2.7	1.1	6.2	252	
253. Imports of goods and services, current dol.	do.	220.4	267.9	316.5	298.7	329.1	316.2	297.9	322.7	338.2	-5.8	8.3	4.8	253	
250. Net exports of goods and serv., current dol. ²	do.	-0.6	13.4	23.3	7.6	8.2	17.1	44.5	23.3	29.2	27.4	-21.2	5.9	250	
A6. National Income and Its Components															
220. National income	do.	1745.4	1963.3	2121.4	2031.3	2088.5	2070.0	2122.4	2204.8	2291.1	2.5	3.9	3.9	220	
280. Compensation of employees	do.	1299.7	1460.9	1596.5	1518.1	1558.0	1569.0	1597.4	1661.8	1722.4	1.8	4.0	3.6	280	
282. Proprietors' income with IVA and CCA ⁴	do.	117.1	131.6	130.6	136.3	133.7	124.9	129.7	134.0	132.1	3.8	3.3	-1.4	282	
288. Corporate profits with IVA and CCA ⁴	do.	185.5	196.8	182.7	189.4	200.2	169.3	177.9	183.3	203.0	5.1	3.0	10.7	288	
284. Rental income of persons with CCA ⁴	do.	27.4	30.5	31.8	31.0	31.2	31.5	32.0	32.4	32.7	1.6	1.2	0.9	284	
288. Net interest	do.	115.8	143.4	179.8	156.5	165.4	175.3	185.3	193.3	200.8	5.7	4.3	3.9	288	
A7. Saving															
290. Gross saving (private and govt.)	do.	355.2	411.9	401.9	402.0	404.5	394.5	402.0	406.7	442.7	1.9	1.2	8.9	290	
295. Business saving	do.	279.1	312.7	331.6	315.7	326.7	325.8	334.6	339.3	358.8	2.7	1.4	5.7	295	
292. Personal saving	do.	76.3	86.2	101.3	80.7	86.4	110.0	111.4	97.6	88.9	1.3	-12.4	-8.9	292	
298. Government surplus or deficit ⁵	do.	-0.2	11.9	-32.1	4.4	-9.6	-42.5	-45.6	-30.8	-6.2	-3.1	14.8	24.6	298	
293. Personal saving rate ⁶	Percent	5.2	5.2	5.6	4.7	4.9	6.2	6.1	5.1	4.6	-0.1	-1.0	-0.5	293	

NOTE: Series are seasonally adjusted except for those indicated by (U), which appear to contain no seasonal movement. Series indicated by an asterisk (*) are included in the major composite indexes. Dollar values are in current dollars unless otherwise specified. For complete series titles (including composition of the composite indexes) and sources, see "Titles and Sources of Series" at the back of BCD. NA = not available. a = anticipated. EOP = end of period. A. = annual rate. S/A = seasonally adjusted (used for special emphasis). IVA = inventory valuation adjustment. CCA = capital consumption adjustment. NIA = national income accounts.

¹ For a few series, data shown here have been rounded to fewer digits than those shown elsewhere in BCD. Annual figures published by the source agencies are used if available.

² Differences rather than percent changes are shown for this series.

³ The three-part timing code indicates the timing classification of the series at peaks, at troughs, and at all turns: L = leading; C = roughly coincident; Lg = lagging; U = unclassified.

⁴ Inverted series. Since this series tends to move counter to movements in general business activity, signs of the changes are reversed.

⁵ End-of-period series. The annual figures (and quarterly figures for monthly series) are the last figures for the period.

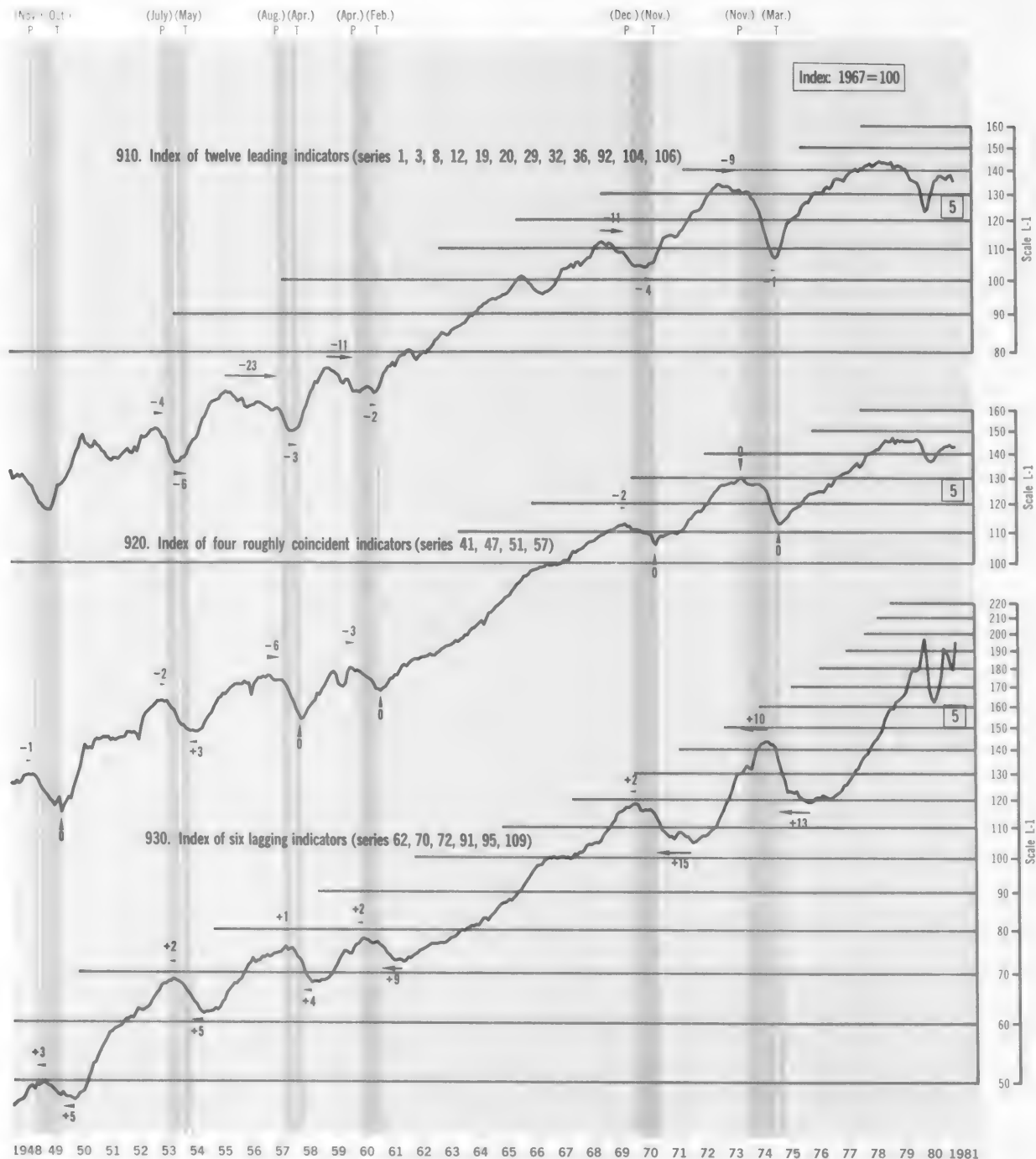
⁶ This series is a weighted 4-term moving average (with weights 1, 2, 2, 1) placed at the terminal month of the span.



CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS

Chart A1. Composite Indexes

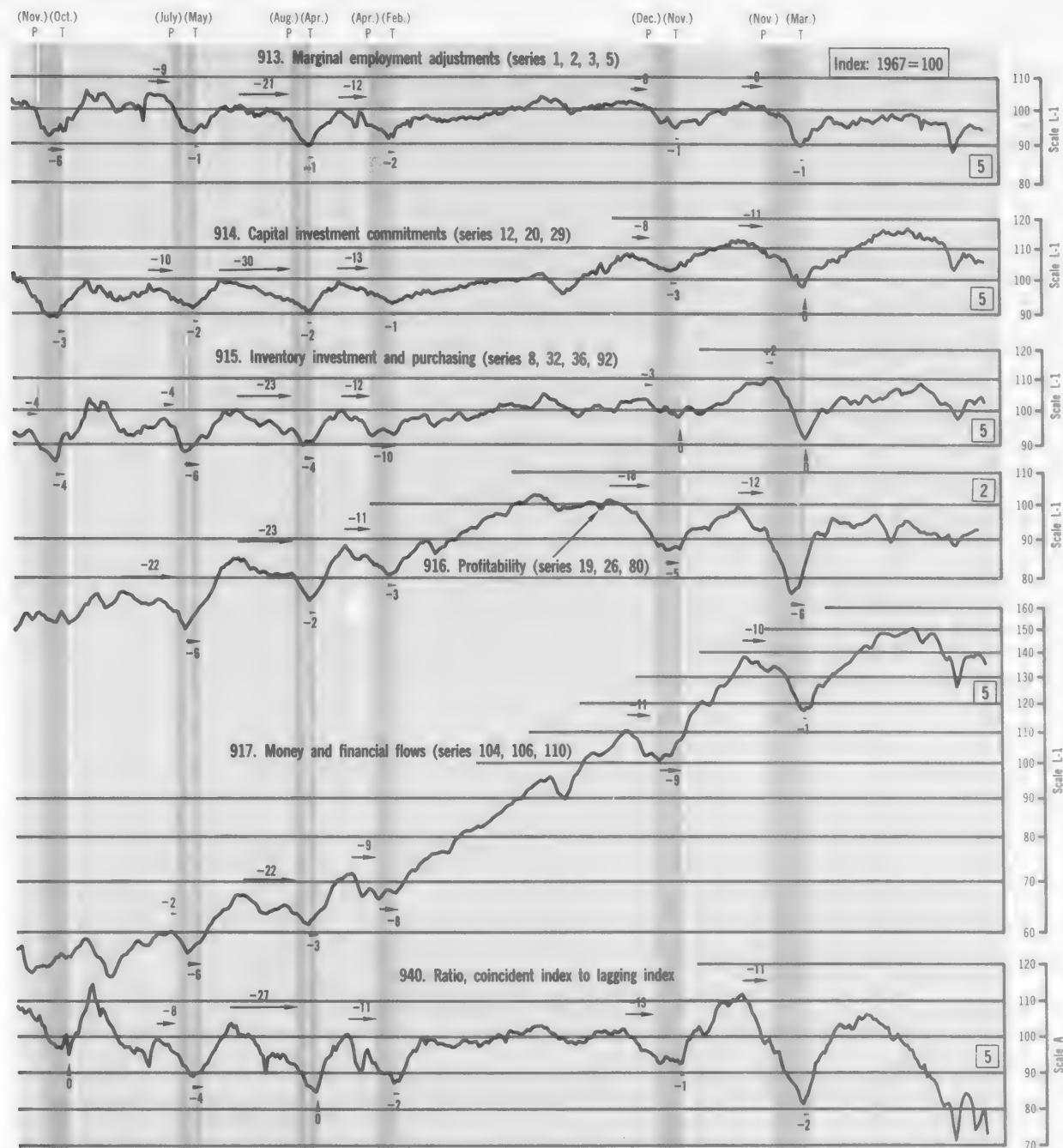


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A

CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A1. Composite Indexes—Continued



1948 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 1981

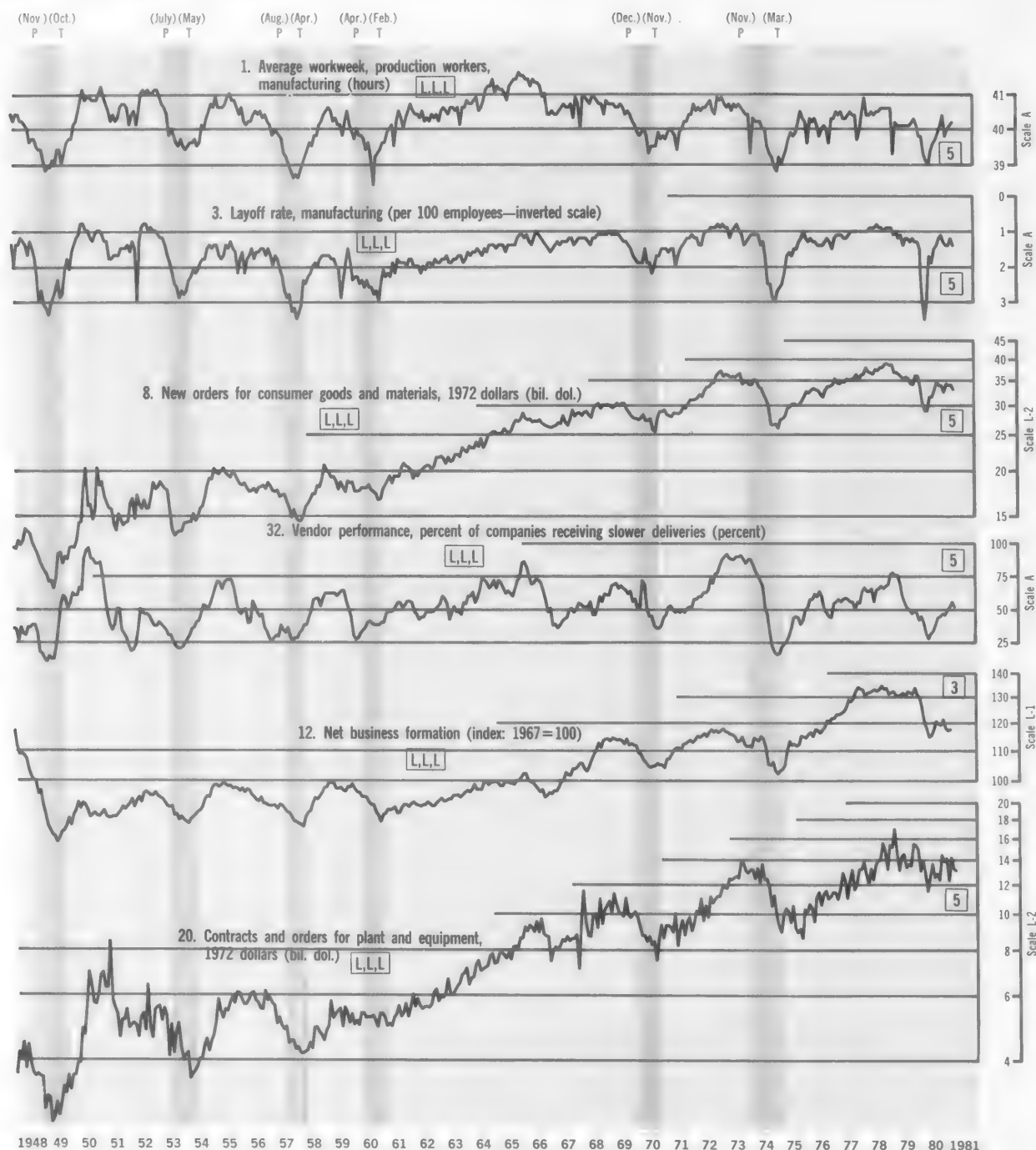
NOTE: Numbers entered on the chart indicate length of leads (-) and lags (+) in months from reference turning dates. Current data for these series are shown on page 50.



CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A2. Leading Index Components

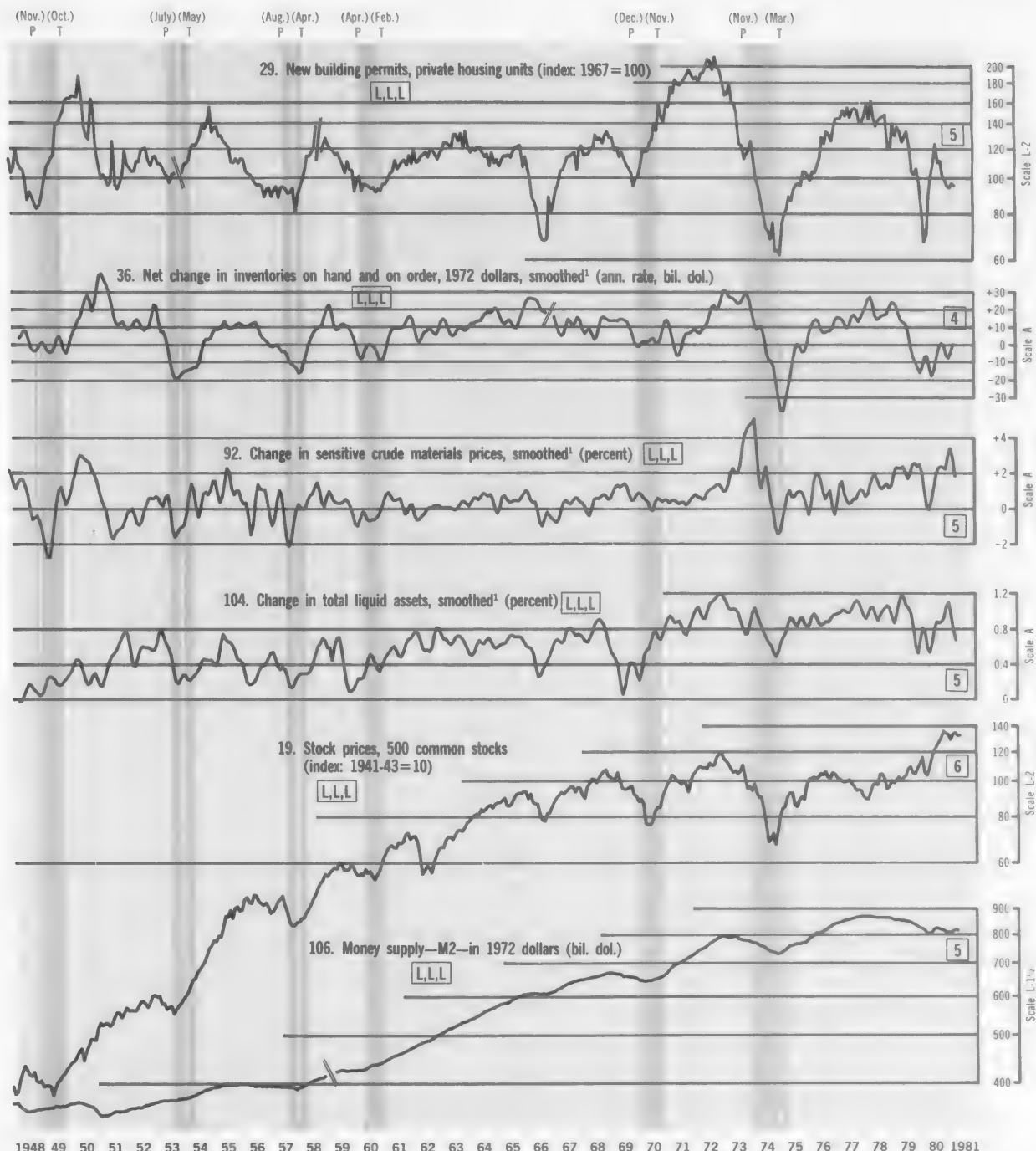




CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A2. Leading Index Components—Continued



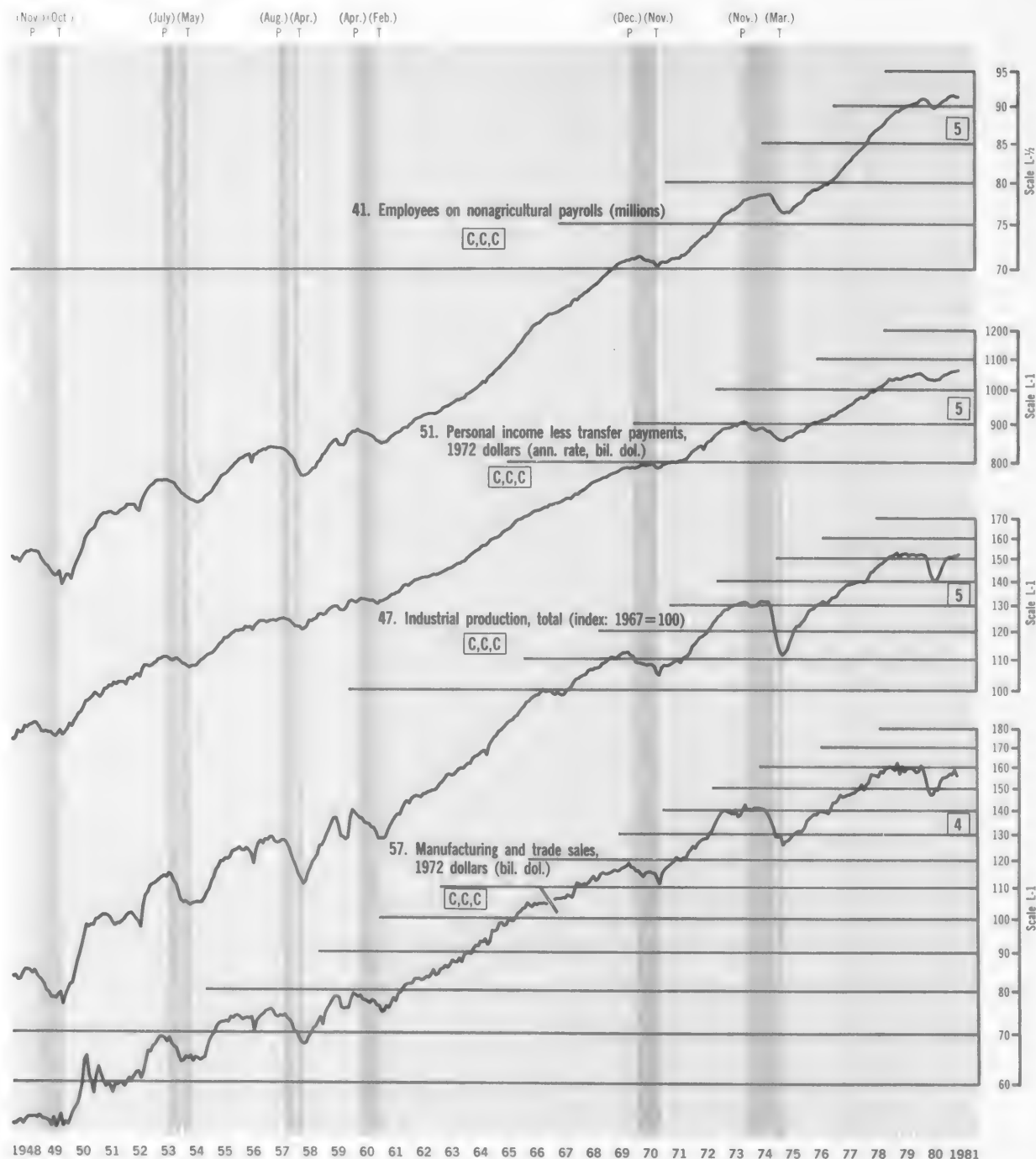
¹ This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the term: at month of the span. Current data for these series are shown on pages 67, 68, 69, and 71.



CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A3. Coincident Index Components



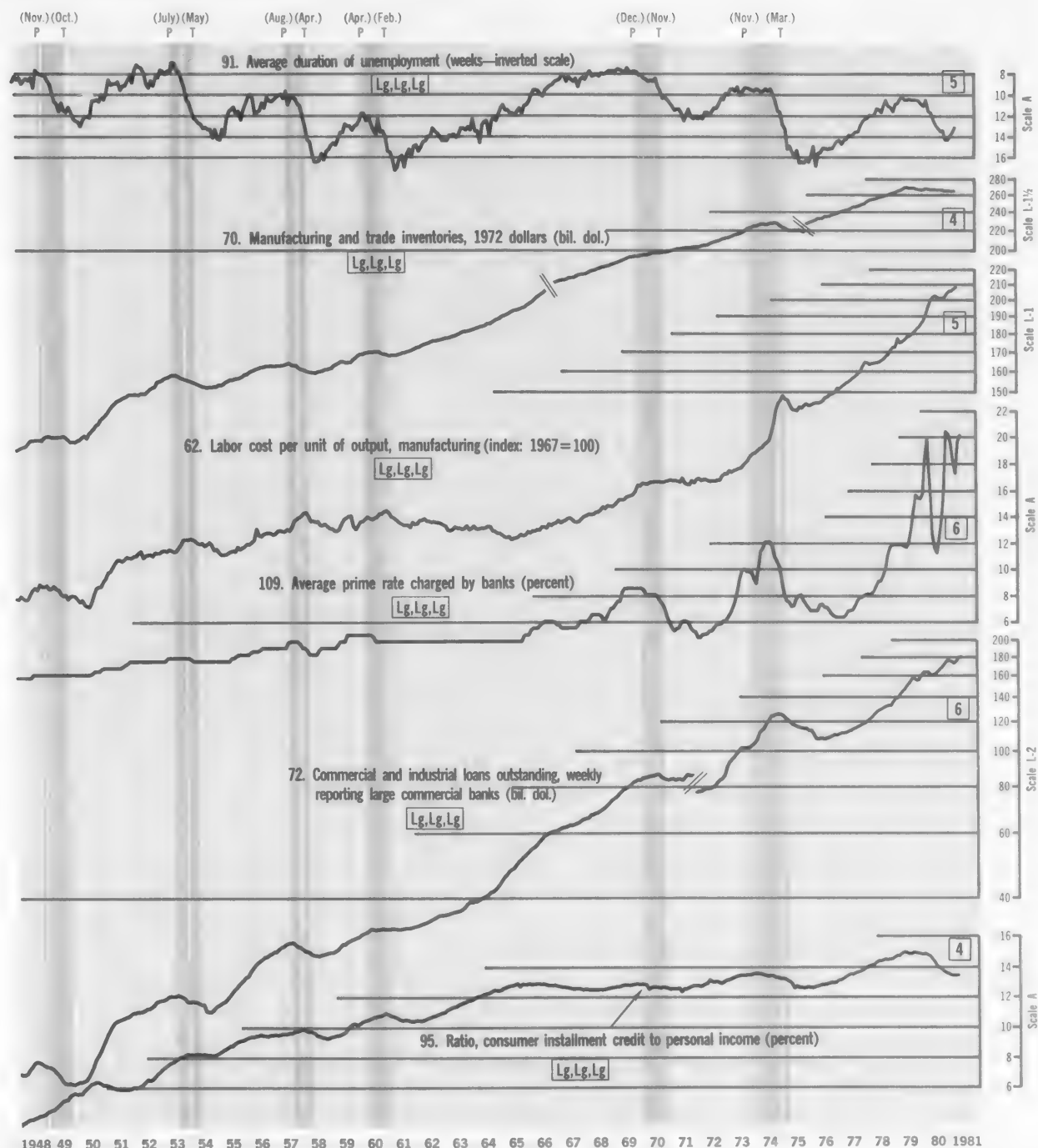
Current data for these series are shown on pages 62, 63, and 65.



CYCLICAL INDICATORS

COMPOSITE INDEXES AND THEIR COMPONENTS—Continued

Chart A4. Lagging Index Components



1948 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 1981

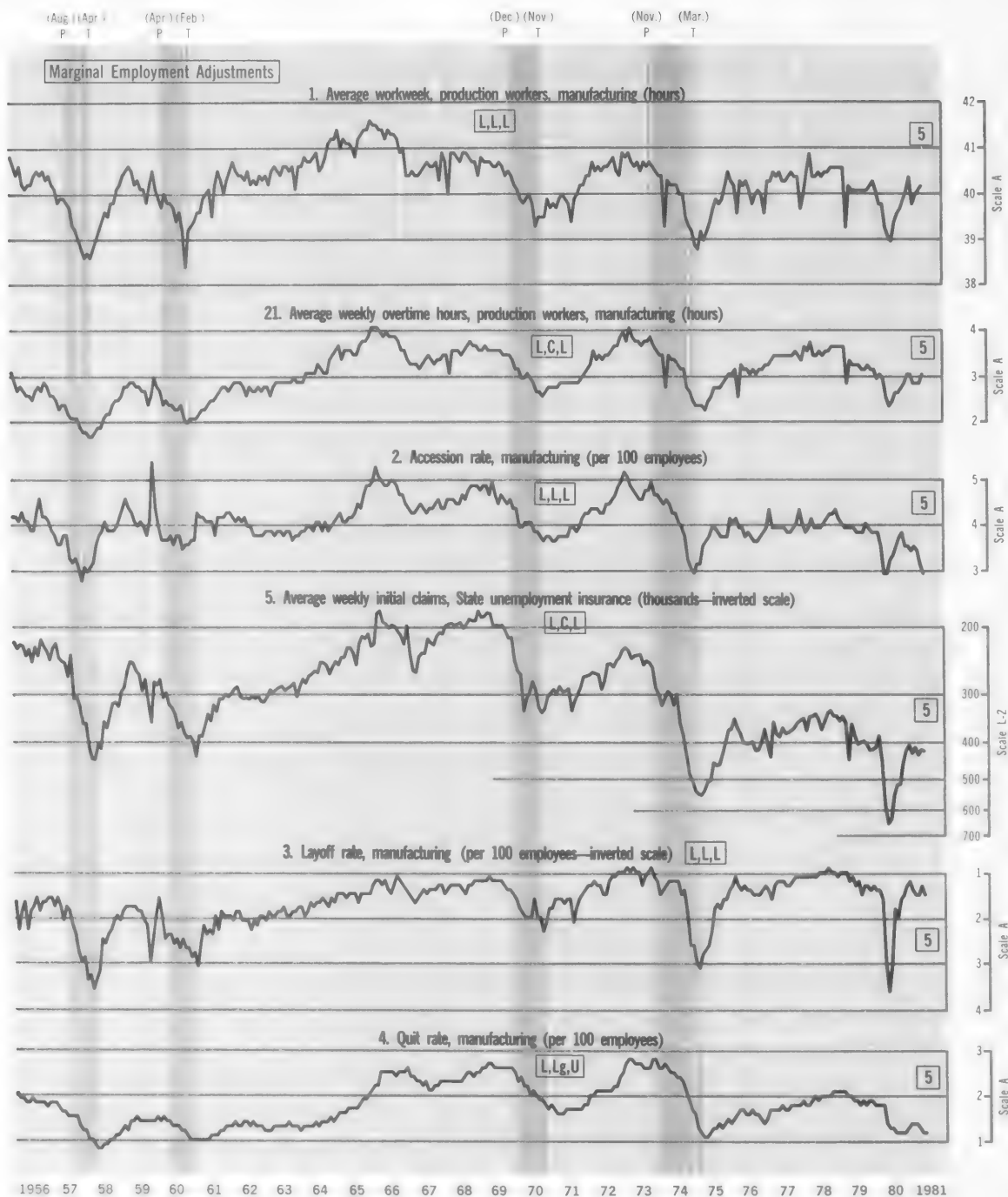
Current data for these series are shown on pages 62, 68, 70, and 73.



CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS

Chart B1. Employment and Unemployment



I
B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B1. Employment and Unemployment—Continued

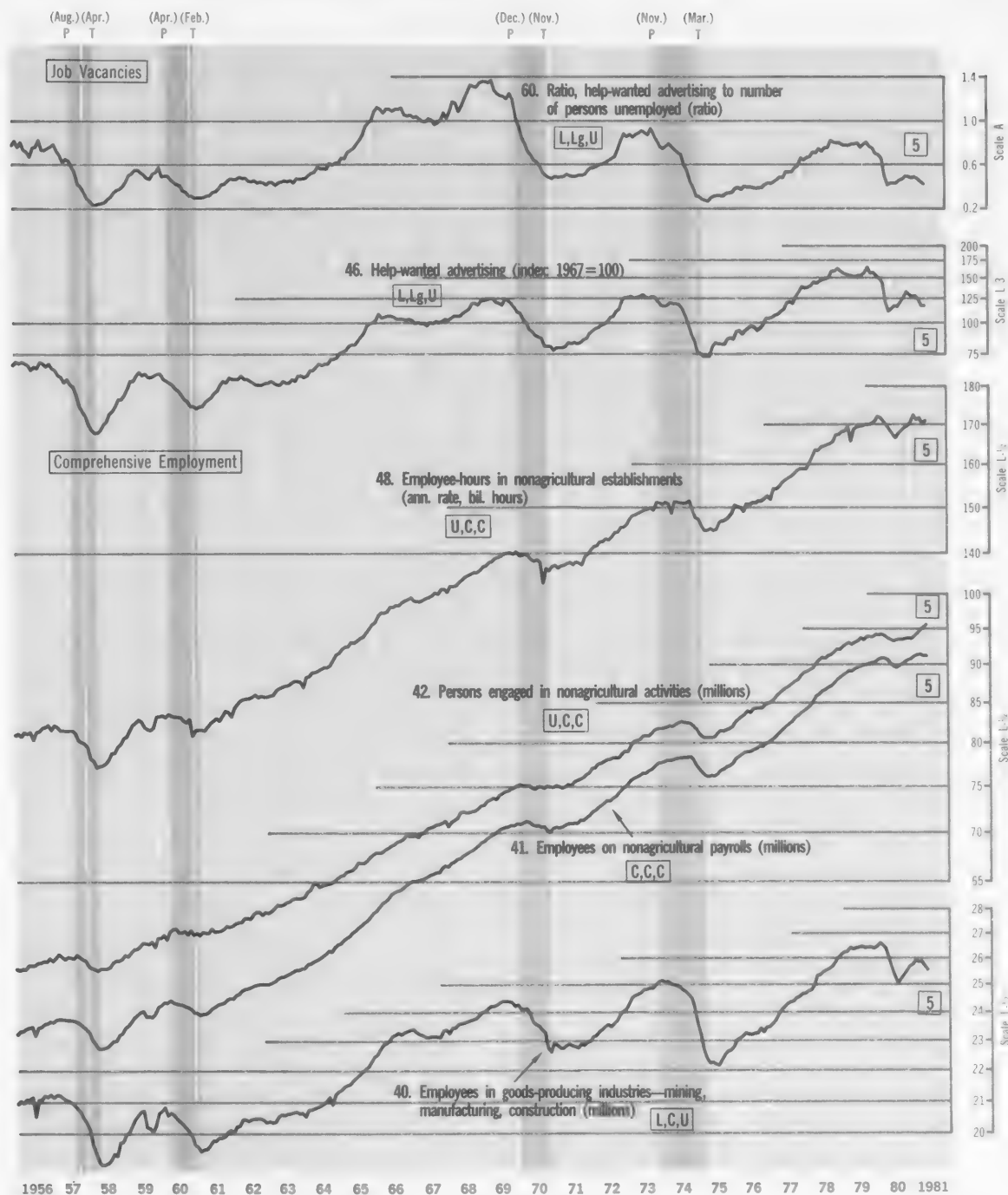
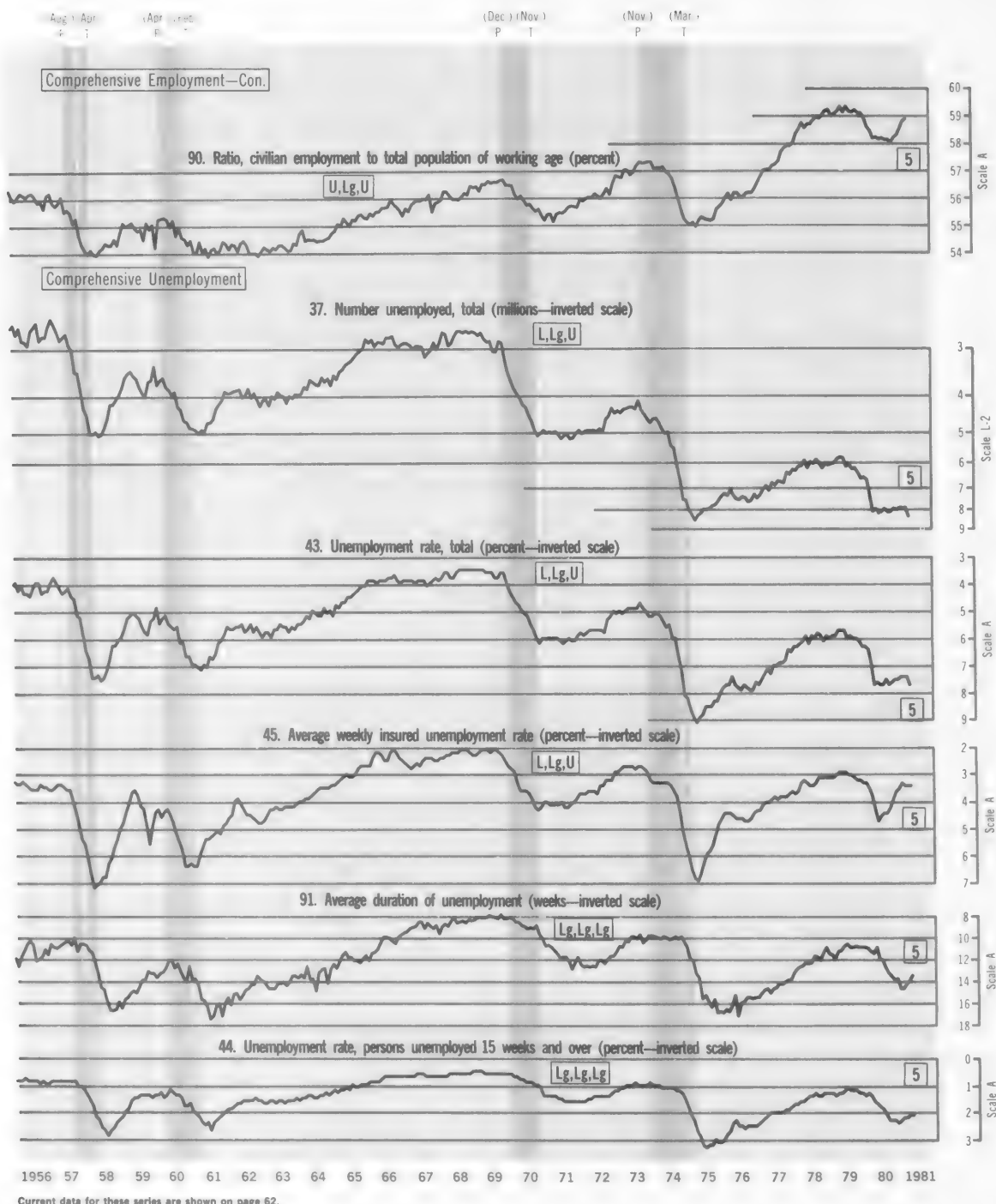


Chart B1. Employment and Unemployment—Continued

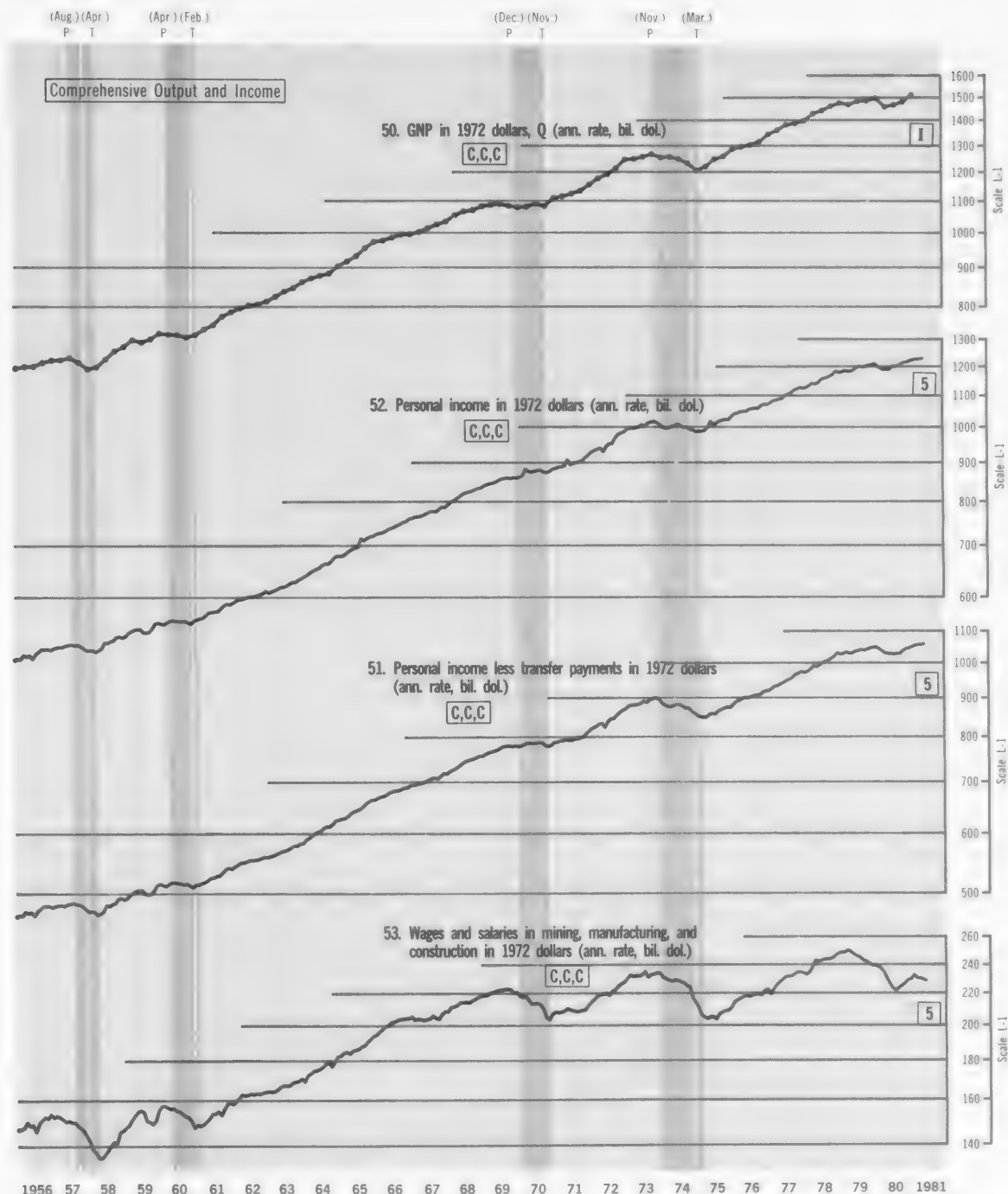


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CYCLICAL INDICATORS

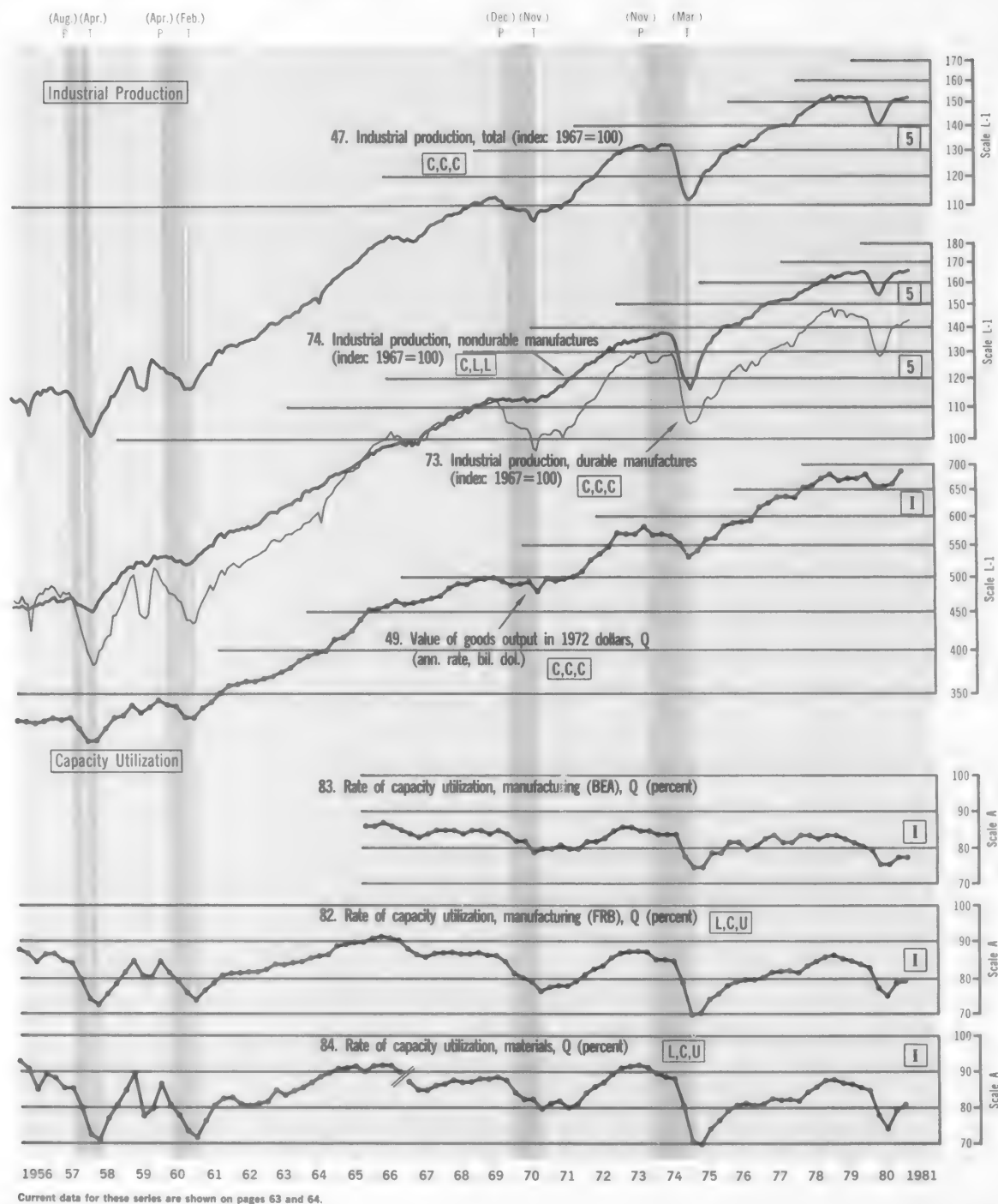
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B2. Production and Income



Current data for these series are shown on page 63.

Chart B2. Production and Income—Continued



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B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B3. Consumption, Trade, Orders, and Deliveries

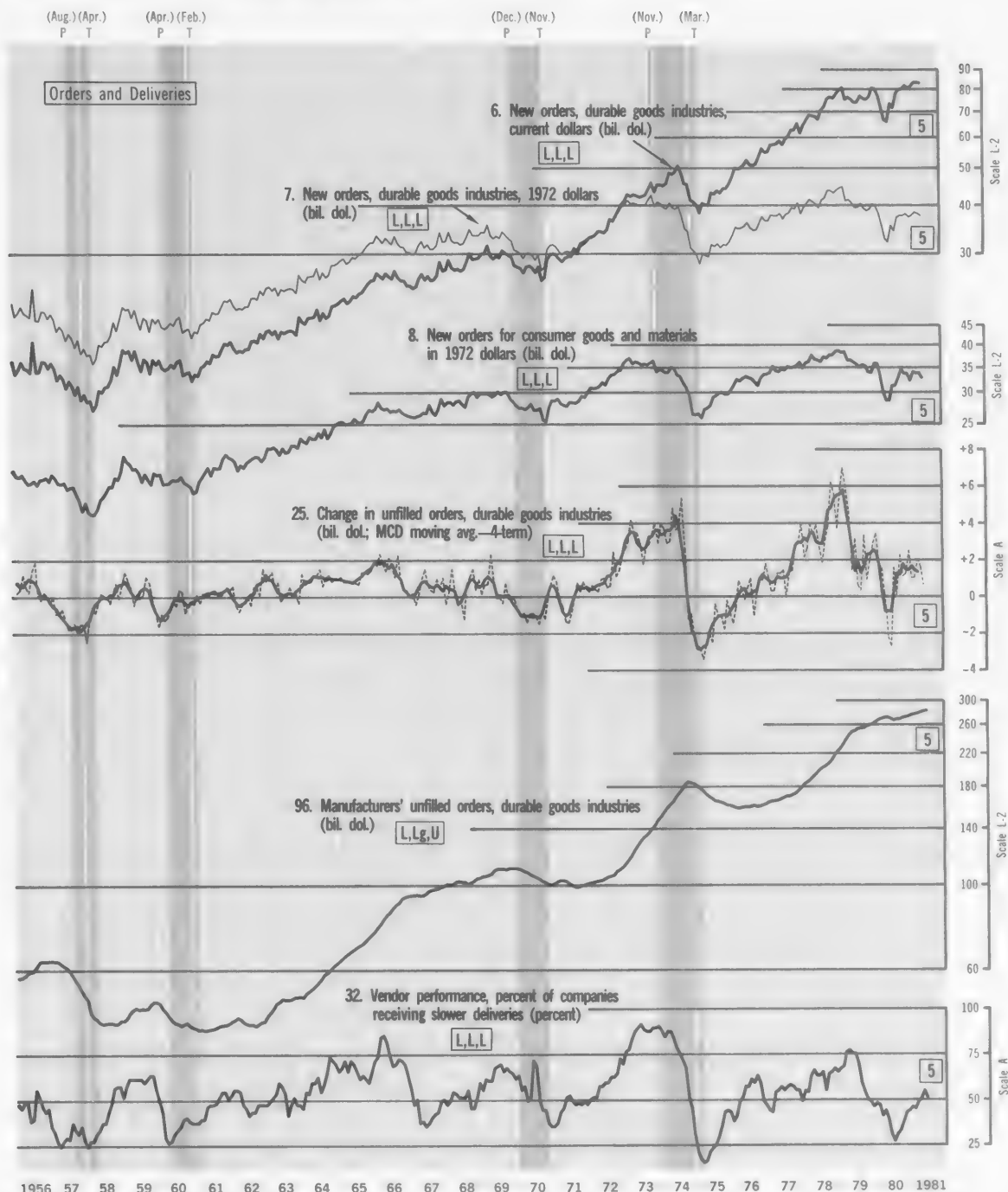
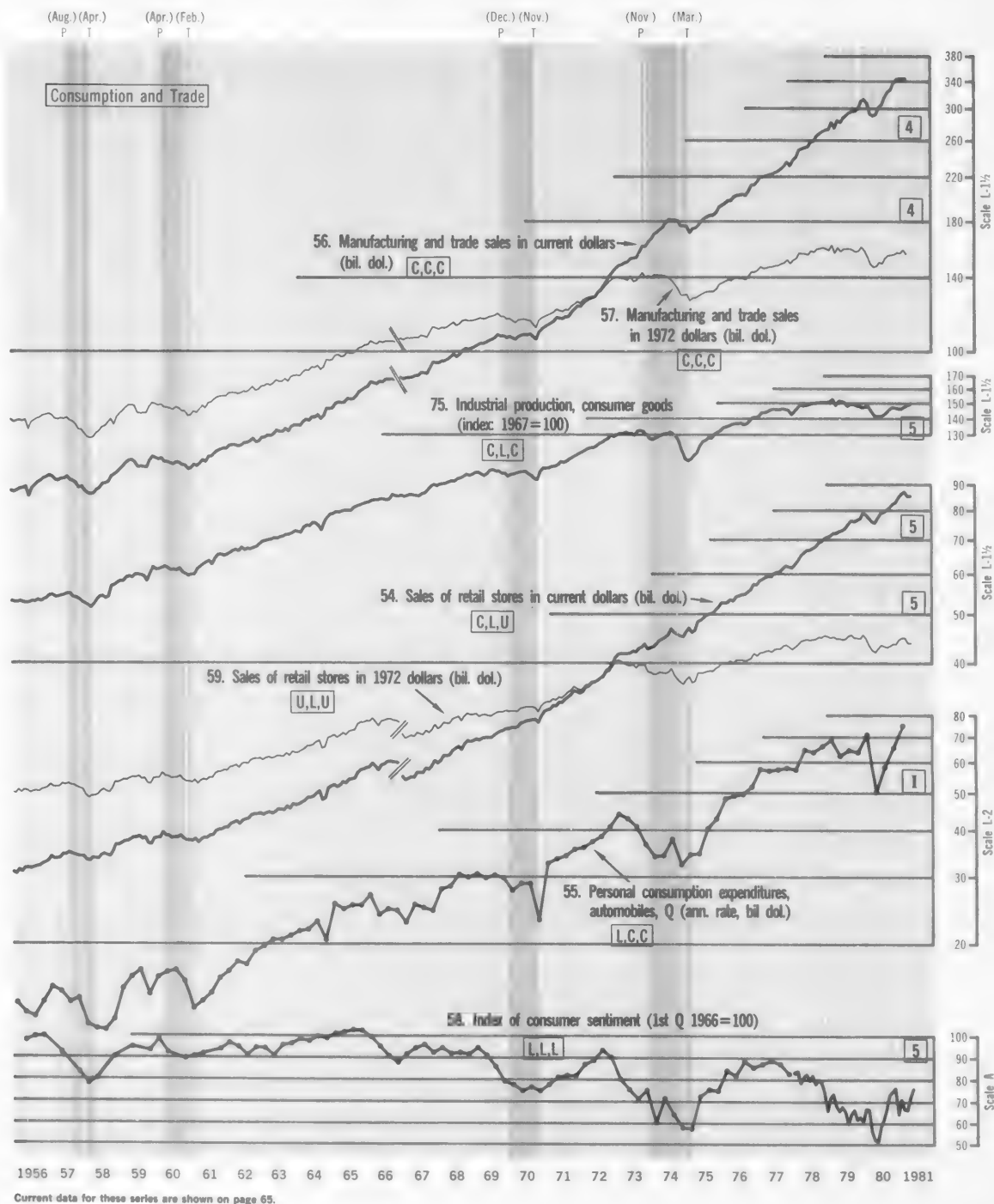


Chart B3. Consumption, Trade, Orders, and Deliveries—Continued

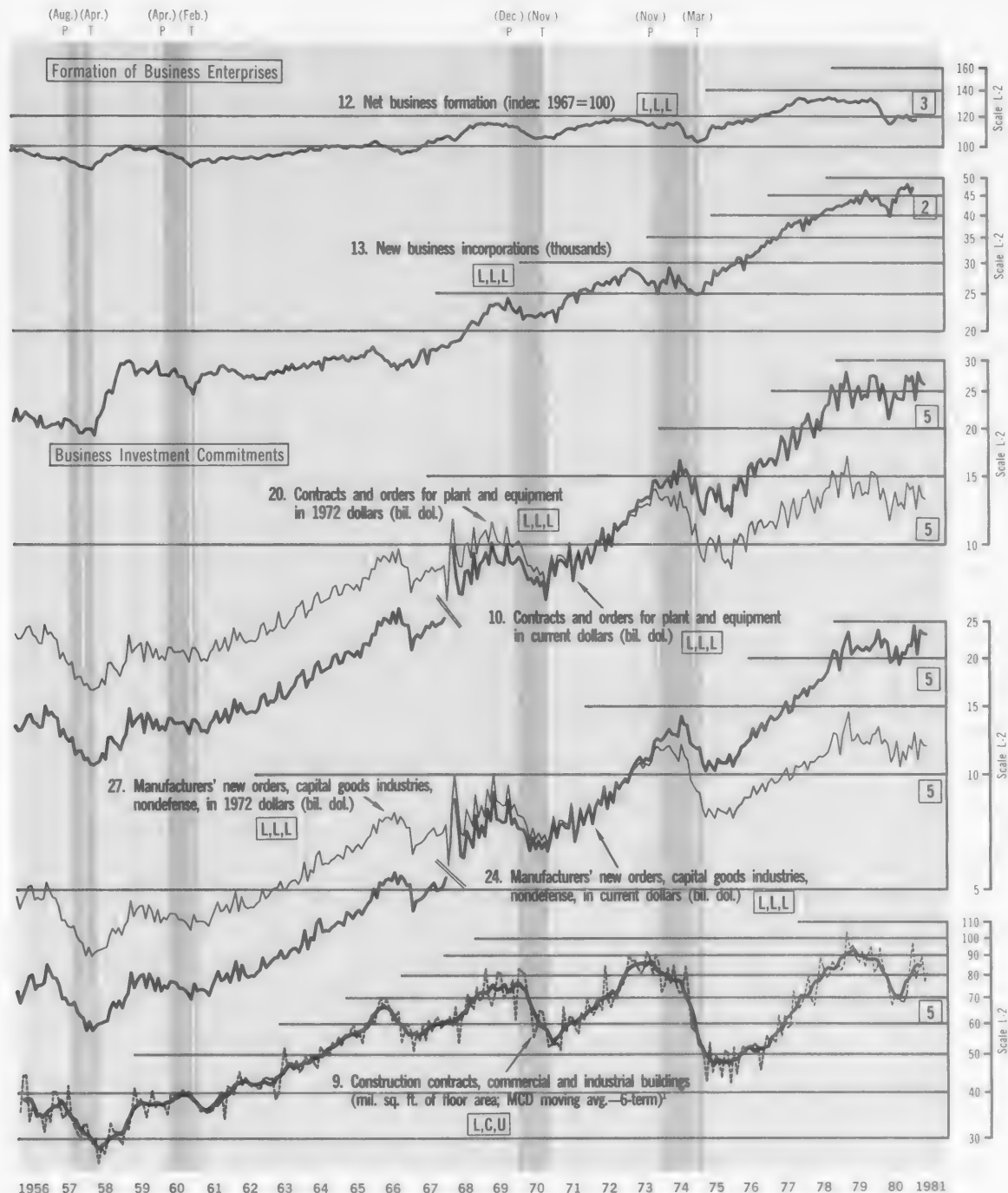


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CYCLICAL INDICATORS

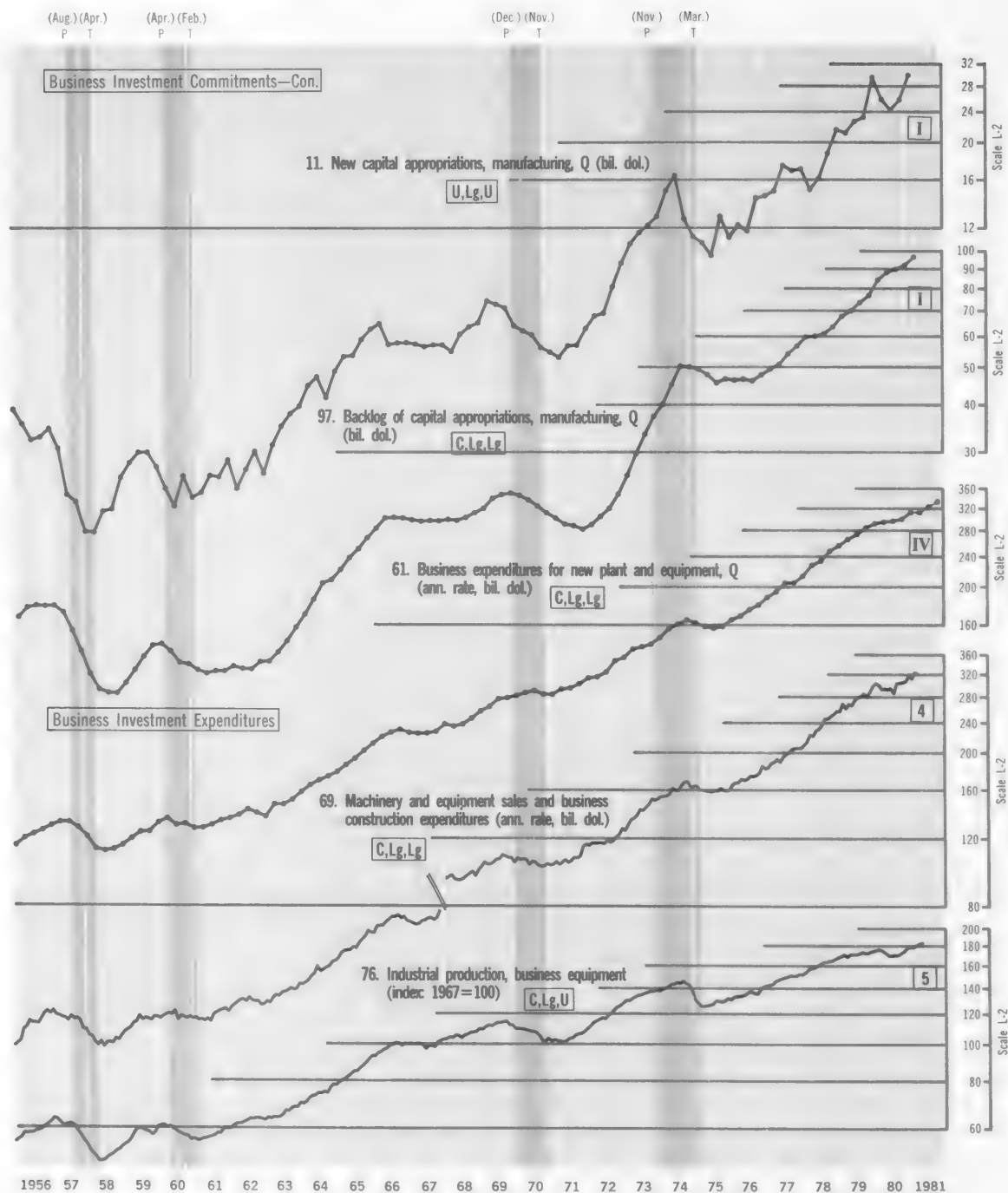
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B4. Fixed Capital Investment



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Chart B4. Fixed Capital Investment—Continued



Current data for these series are shown on pages 66 and 67.



CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B4. Fixed Capital Investment—Continued

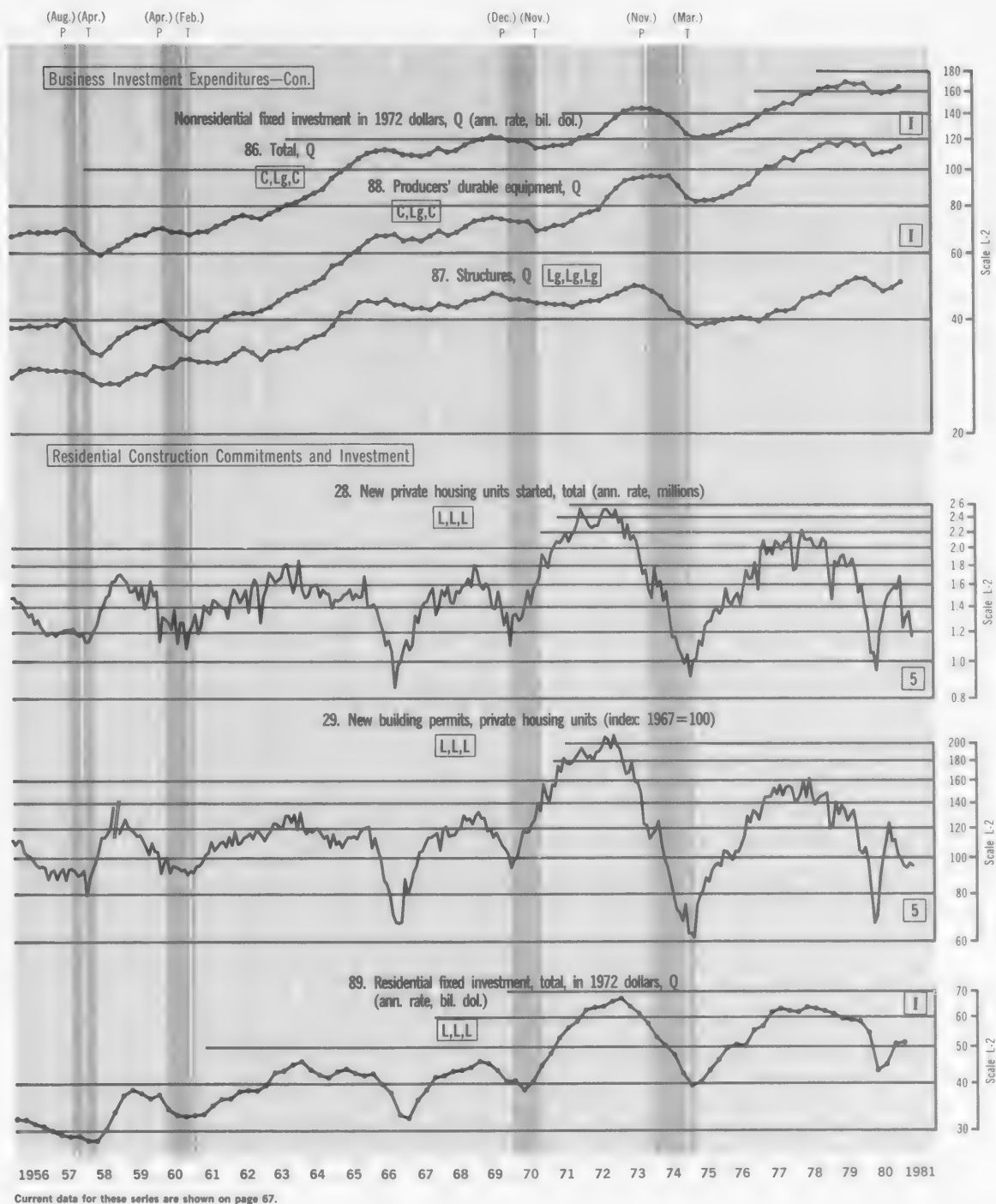
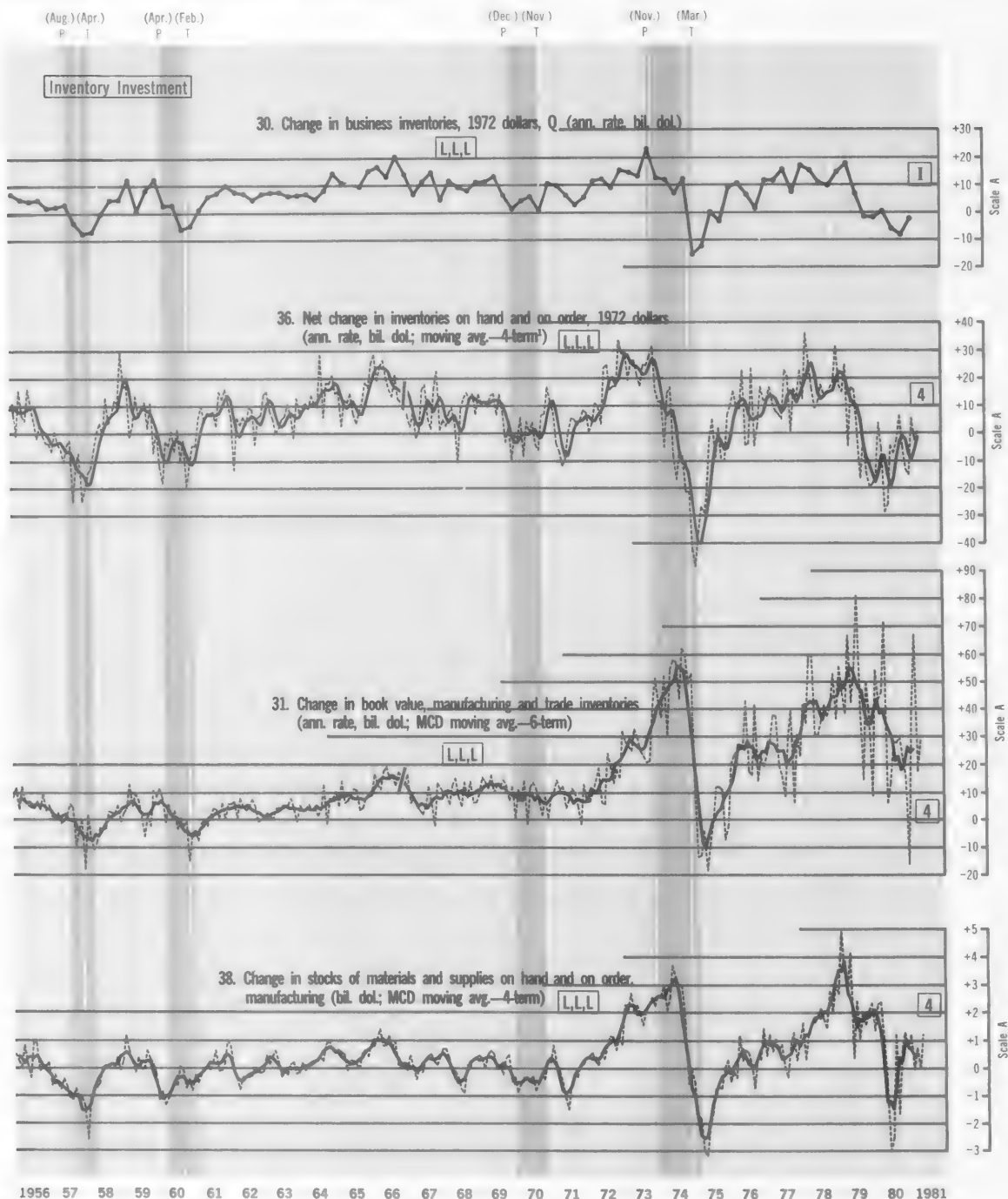


Chart B5. Inventories and Inventory Investment



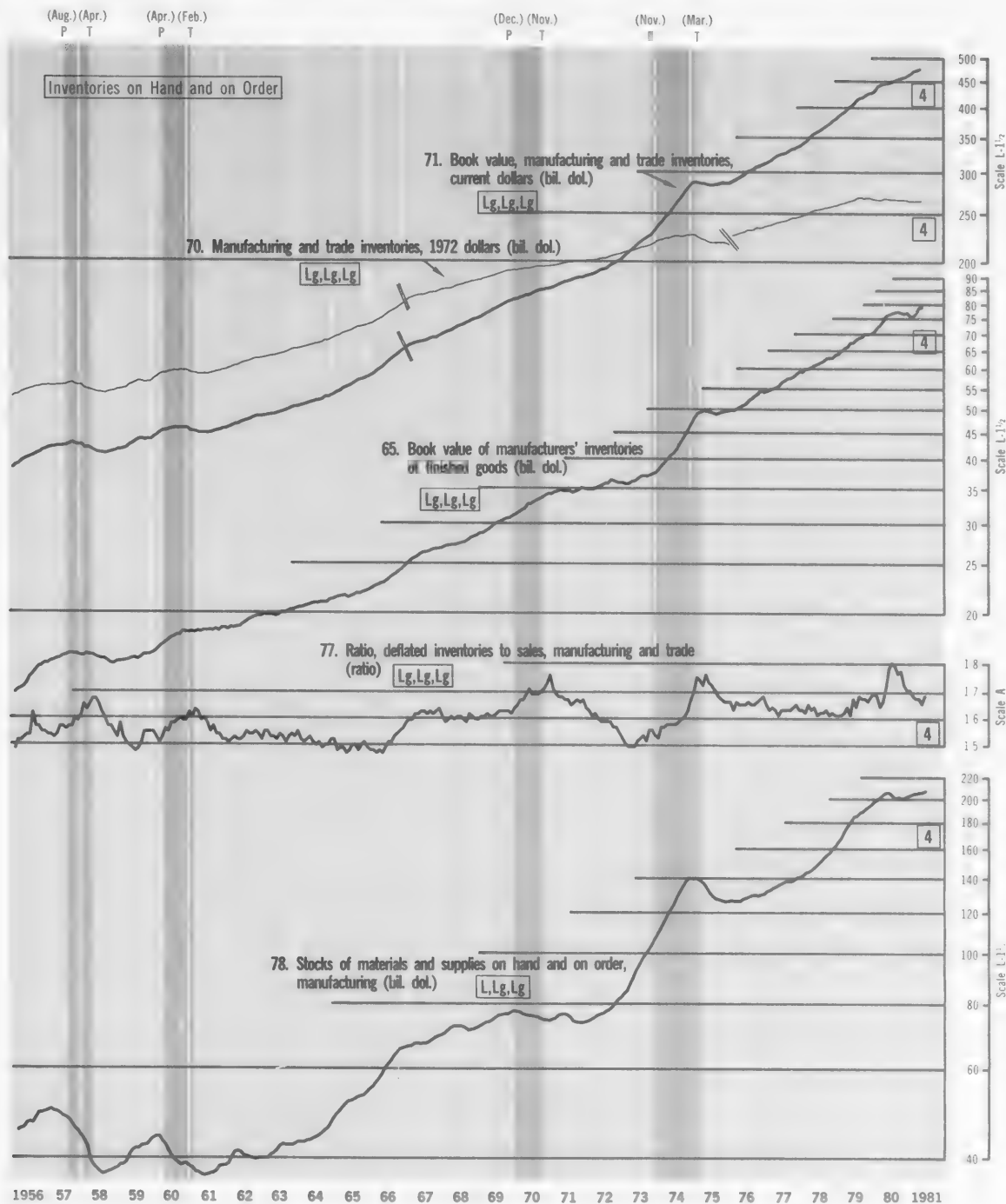
¹ This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span. Current data for these series are shown on page 68.

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CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B5. Inventories and Inventory Investment—Continued



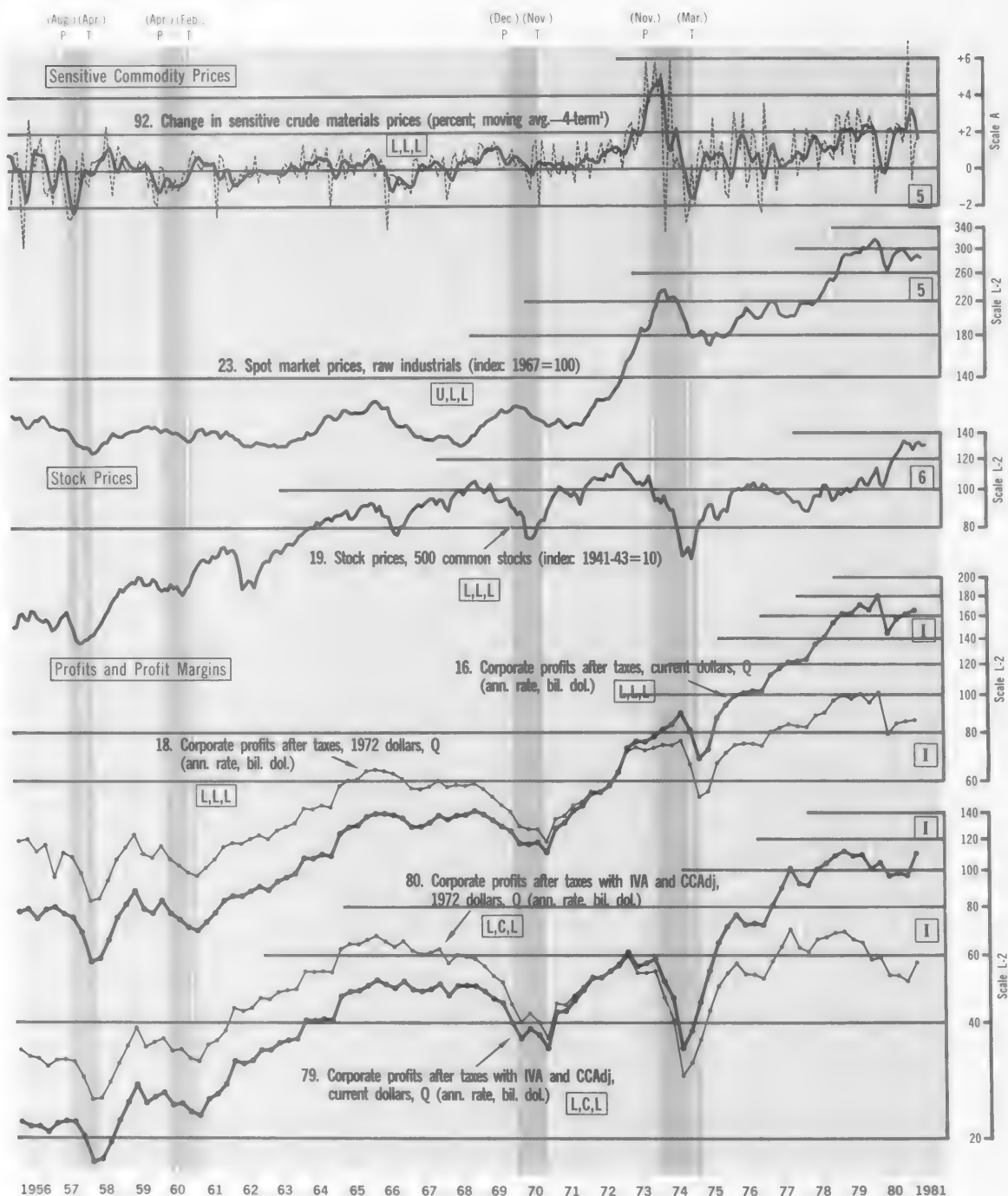
Current data for these series are shown on page 68.

I
B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B6. Prices, Costs, and Profits



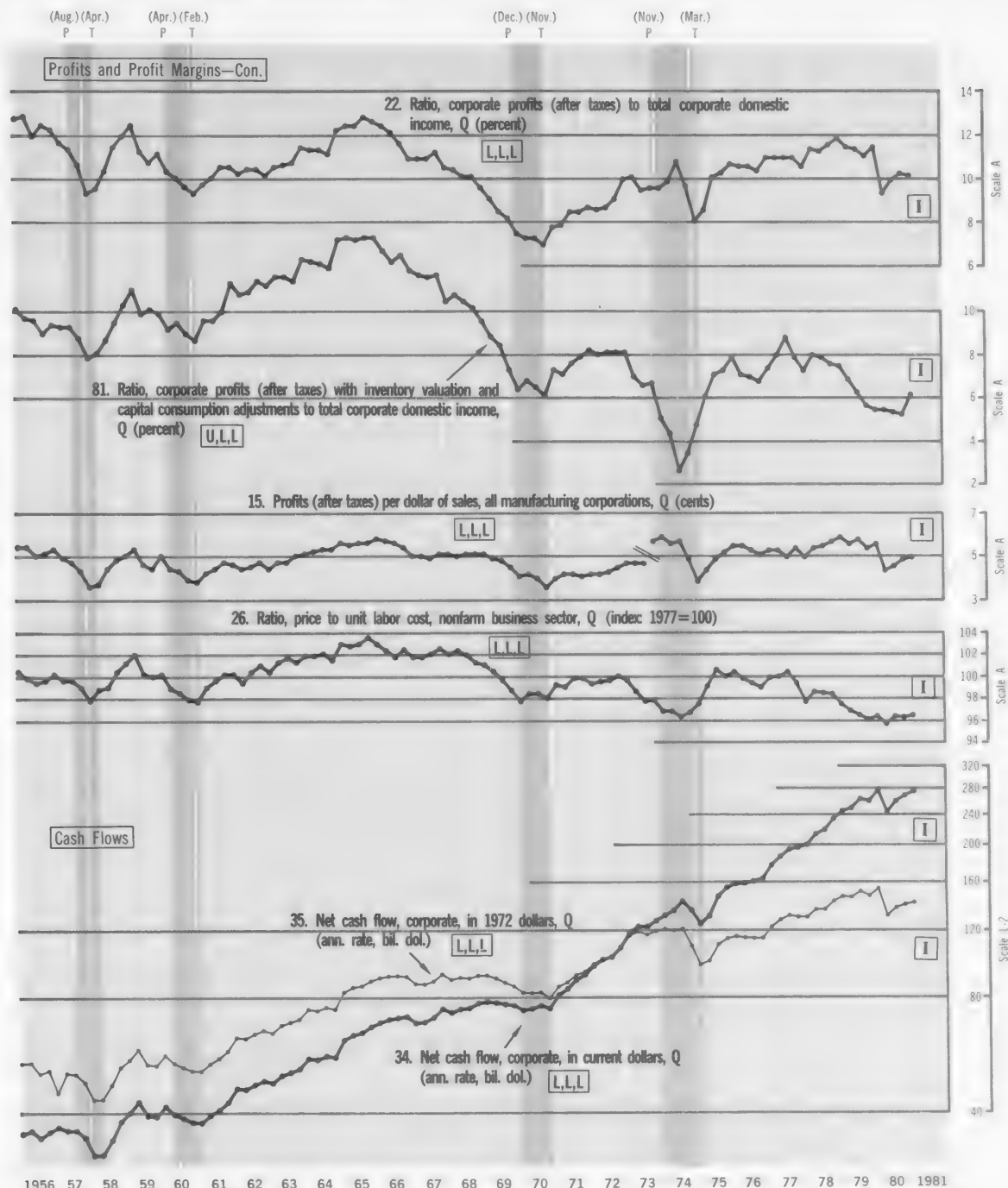
¹ This series is a weighted 4-term moving average (with weights 1.2,2,2,1) placed on the terminal month of the span. Current data for these series are shown on page 69.

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CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B6. Prices, Costs, and Profits—Continued



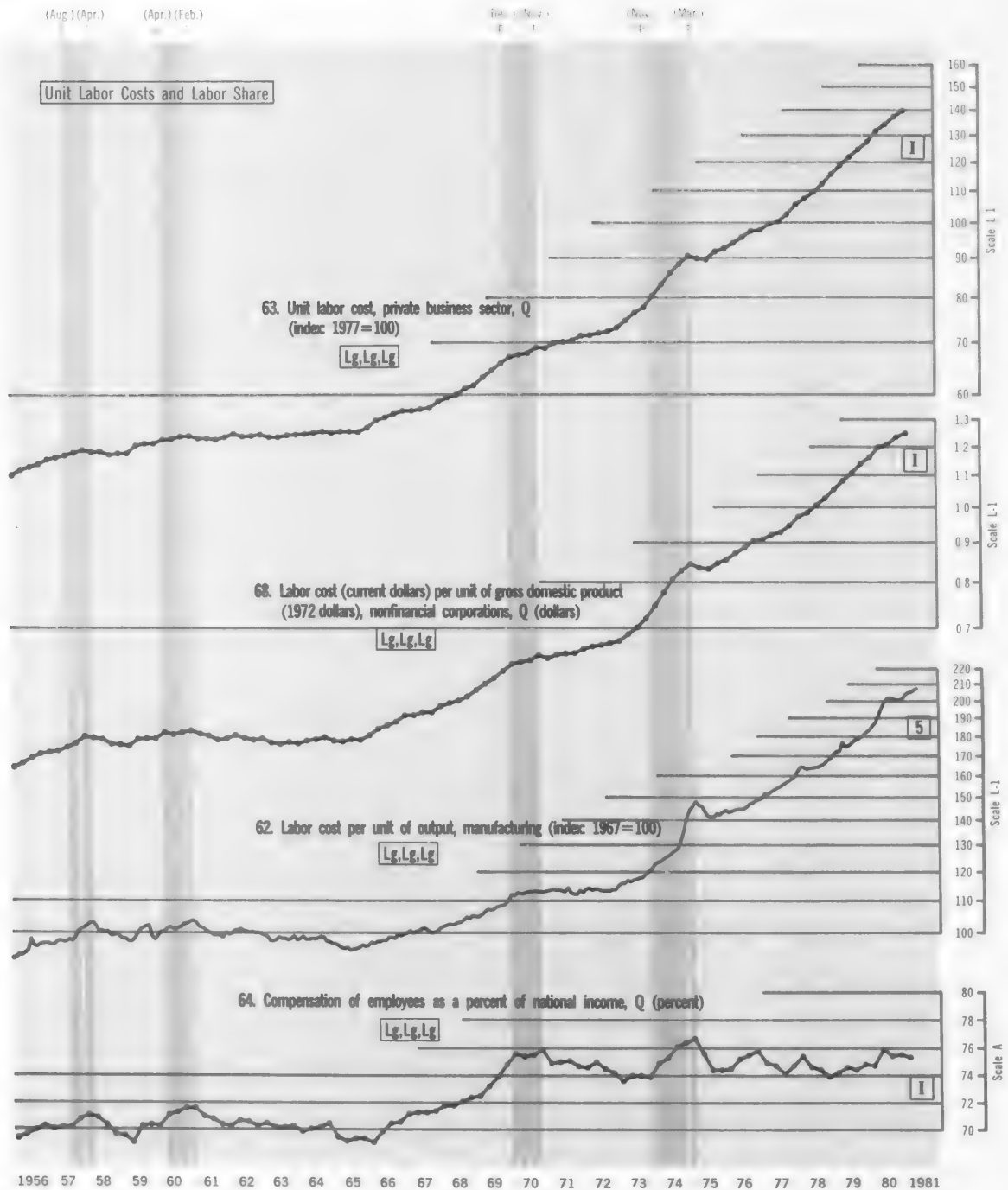
Current data for these series are shown on pages 69 and 70.

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CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B6. Prices, Costs, and Profits—Continued

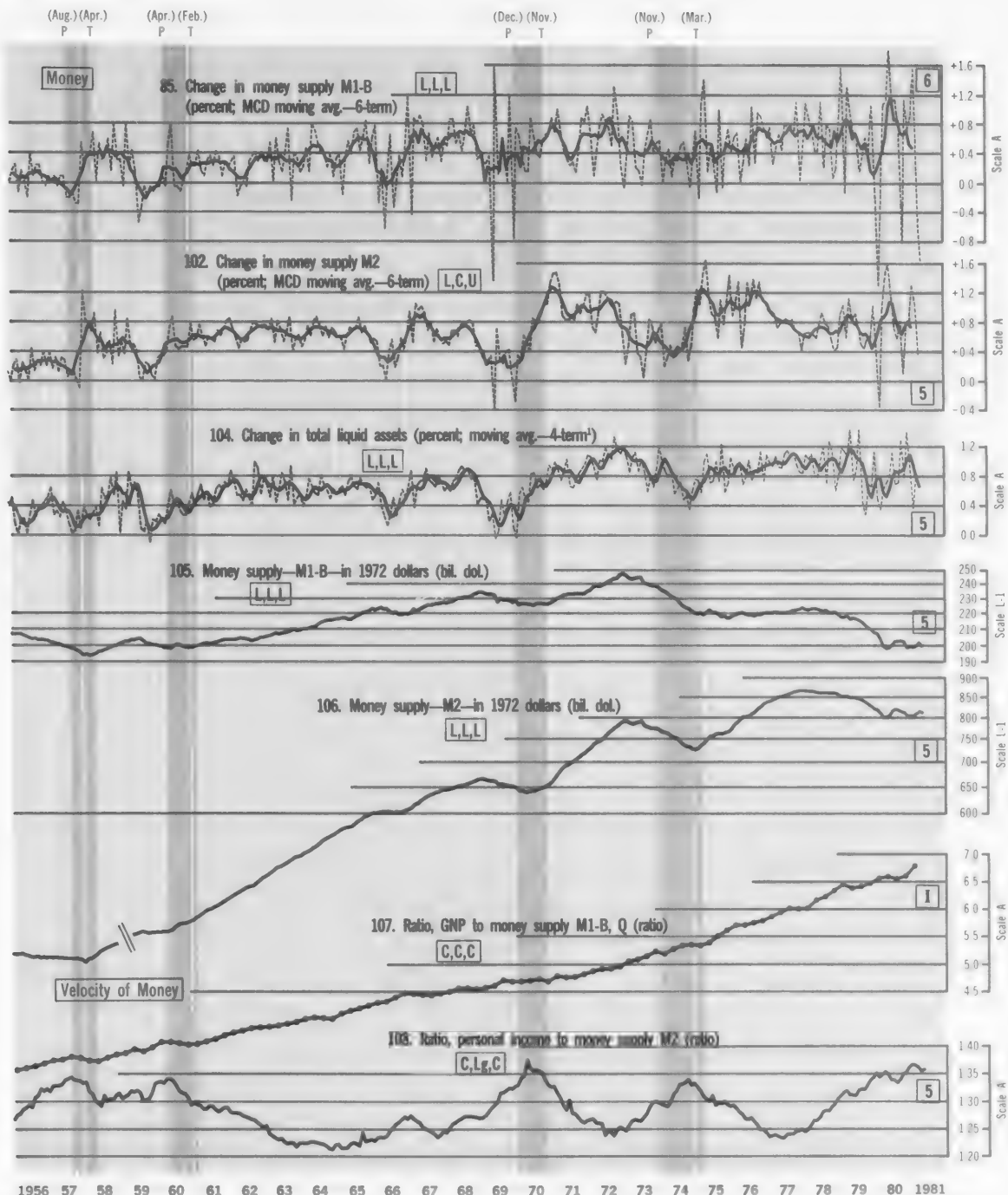


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CYCLICAL INDICATORS

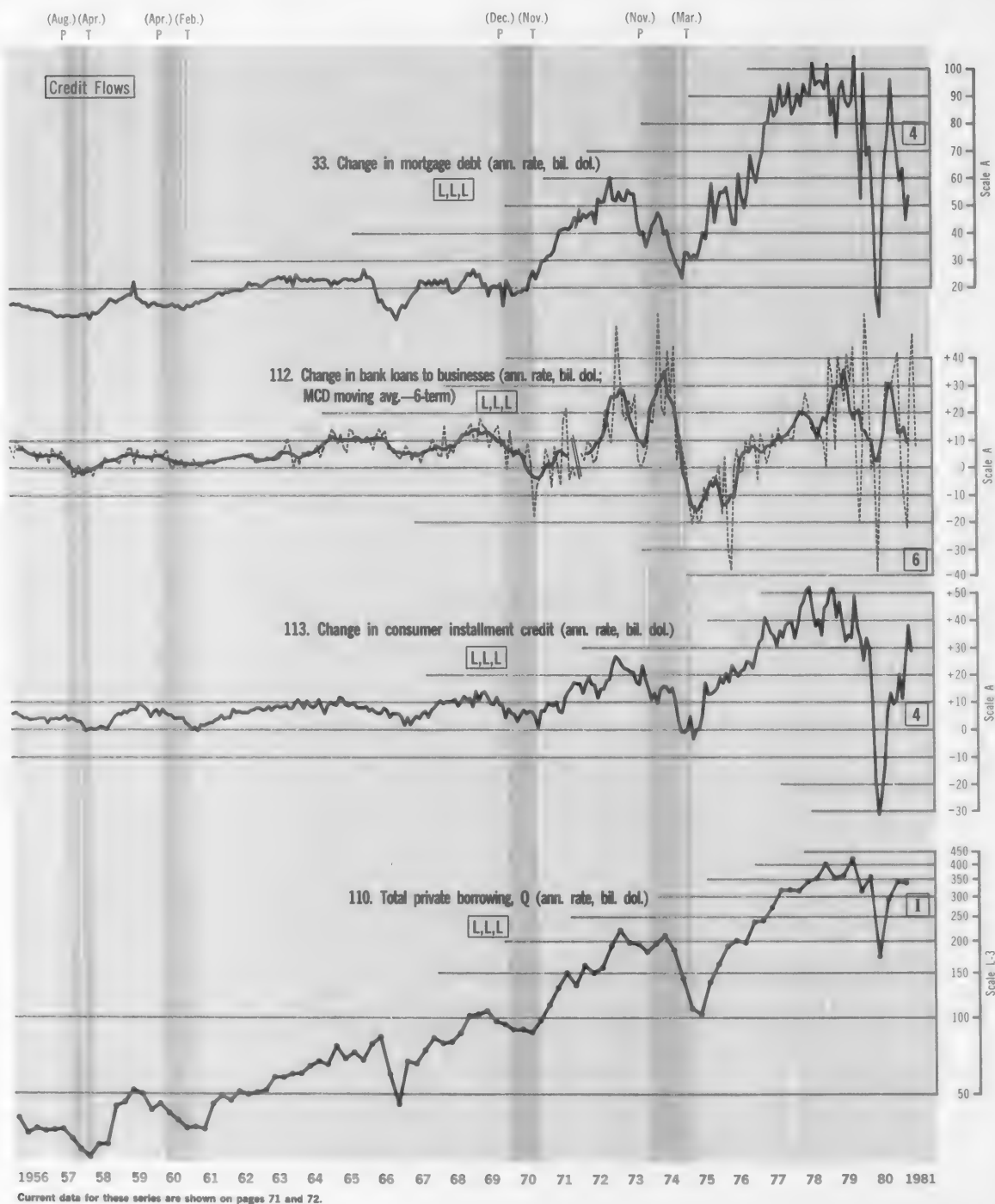
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B7. Money and Credit



¹ This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span. Current data for these series are shown on page 71.

Chart B7. Money and Credit—Continued



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CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B7. Money and Credit—Continued

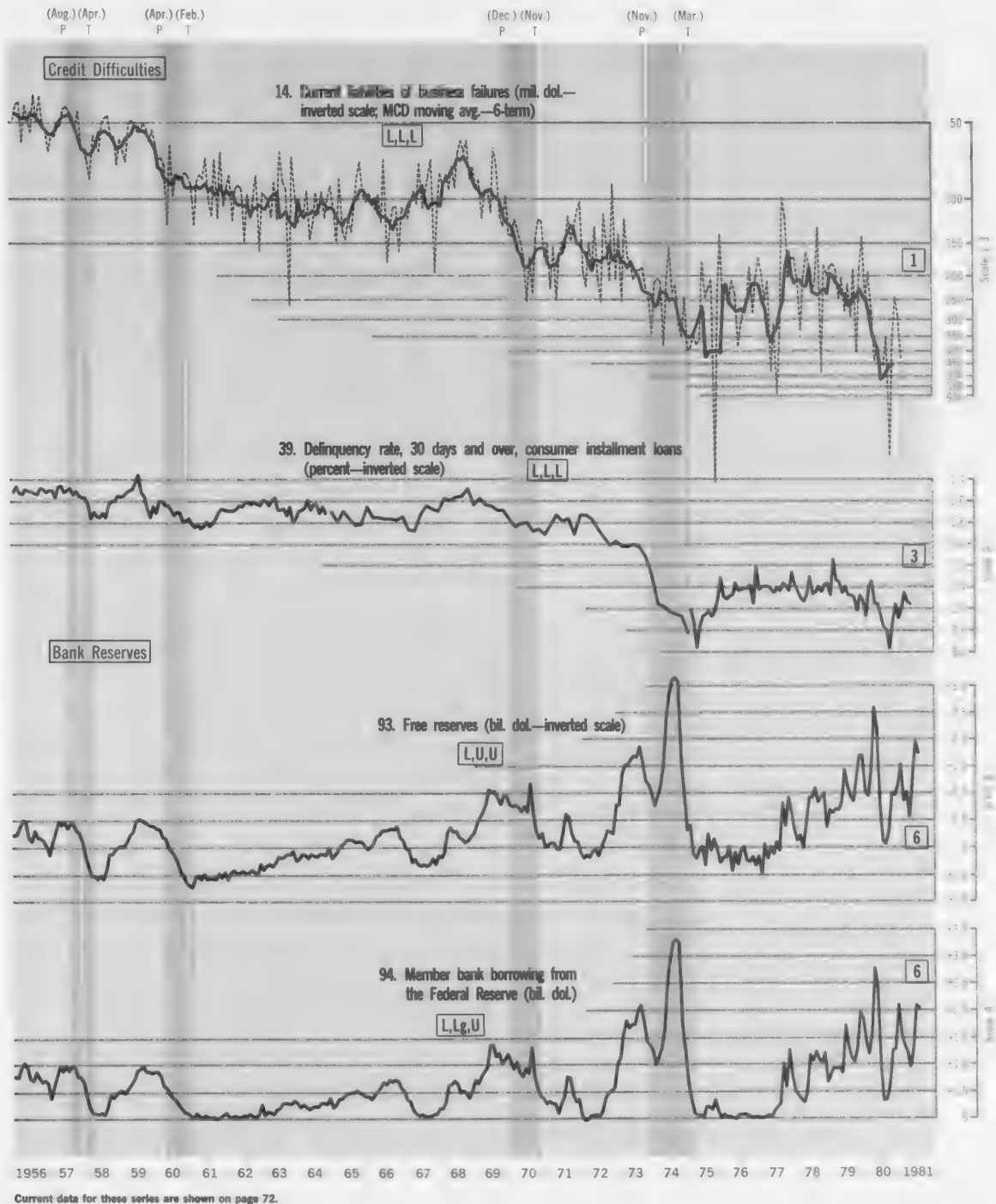
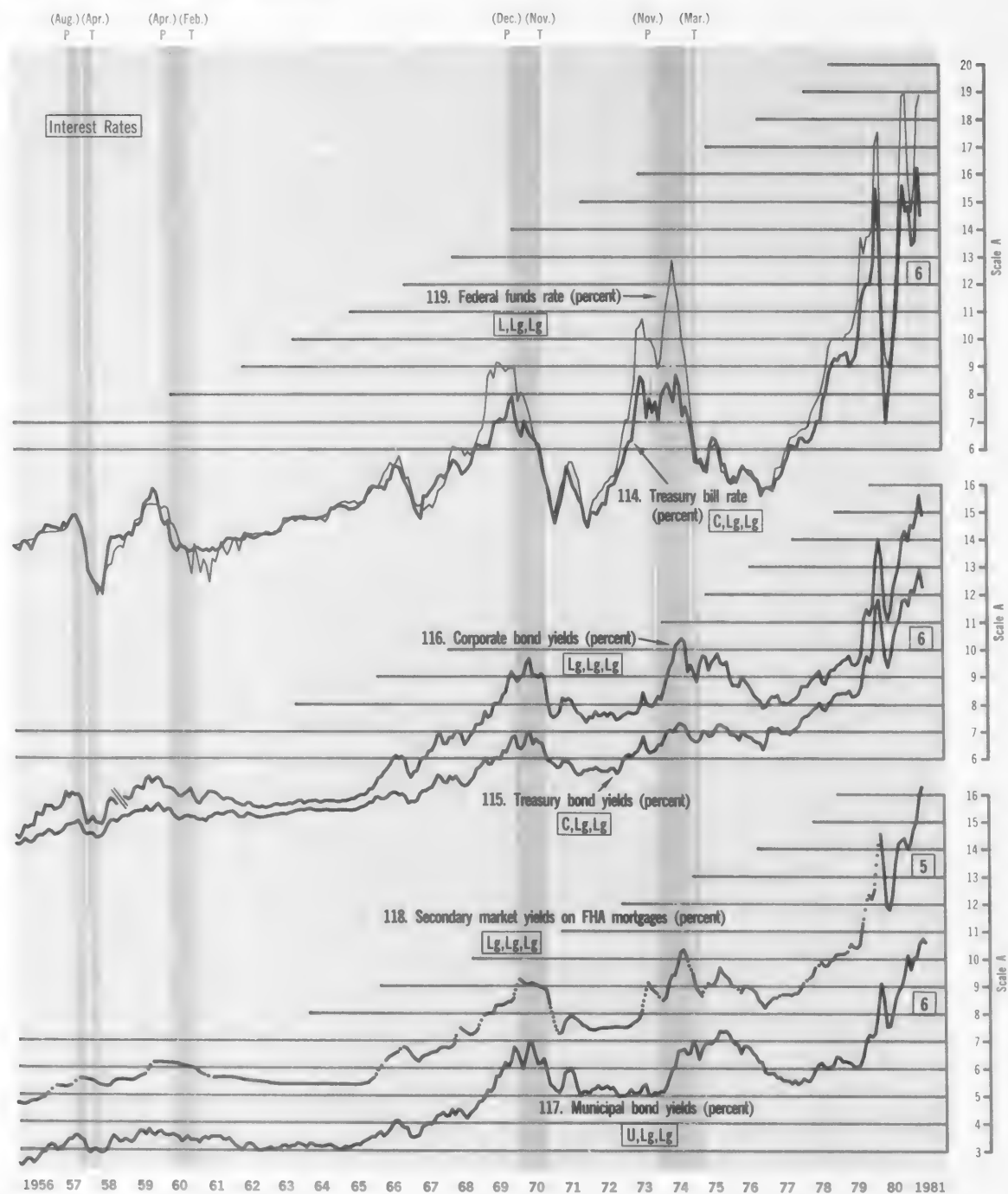


Chart B7. Money and Credit—Continued



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CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

Chart B7. Money and Credit—Continued

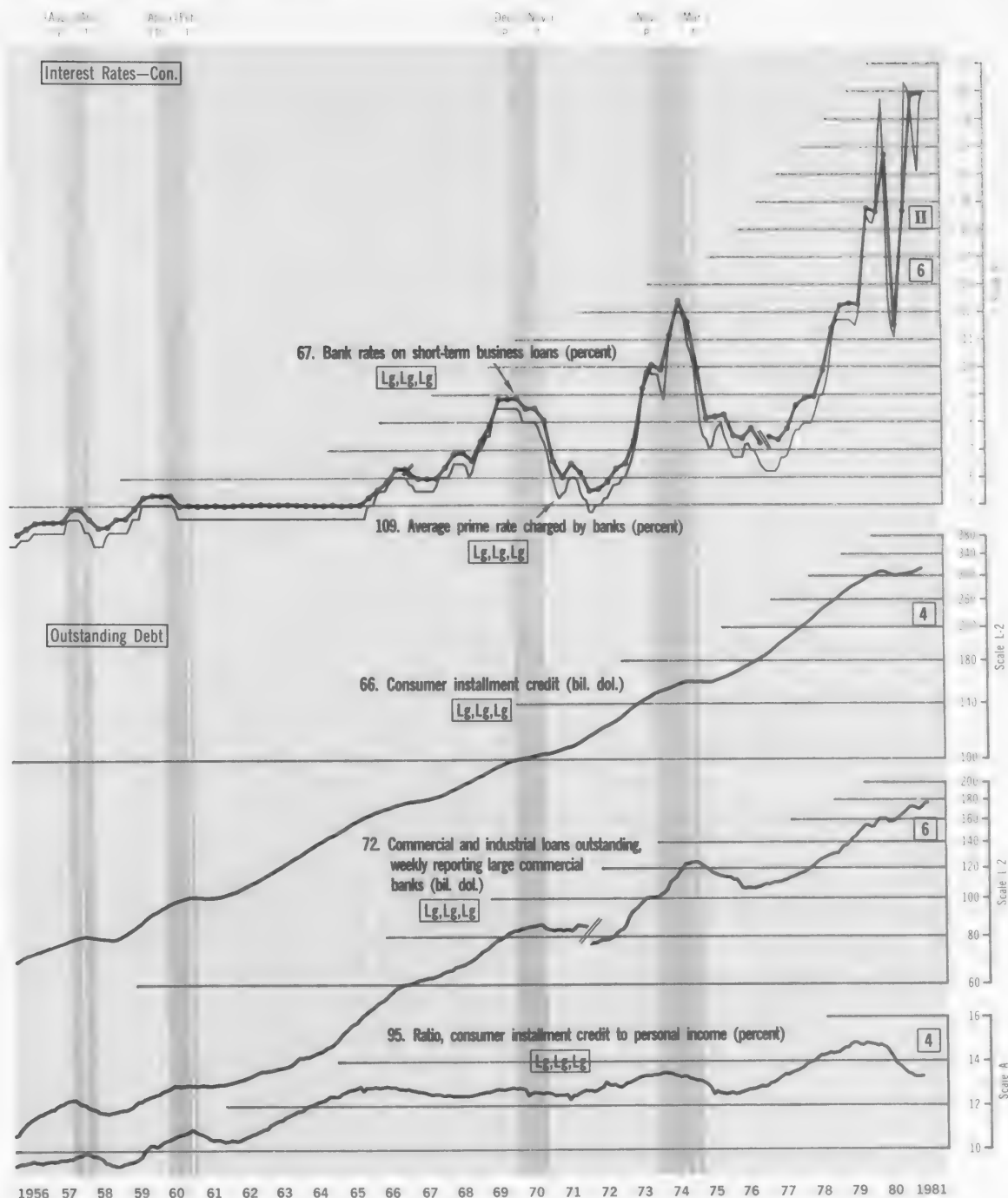
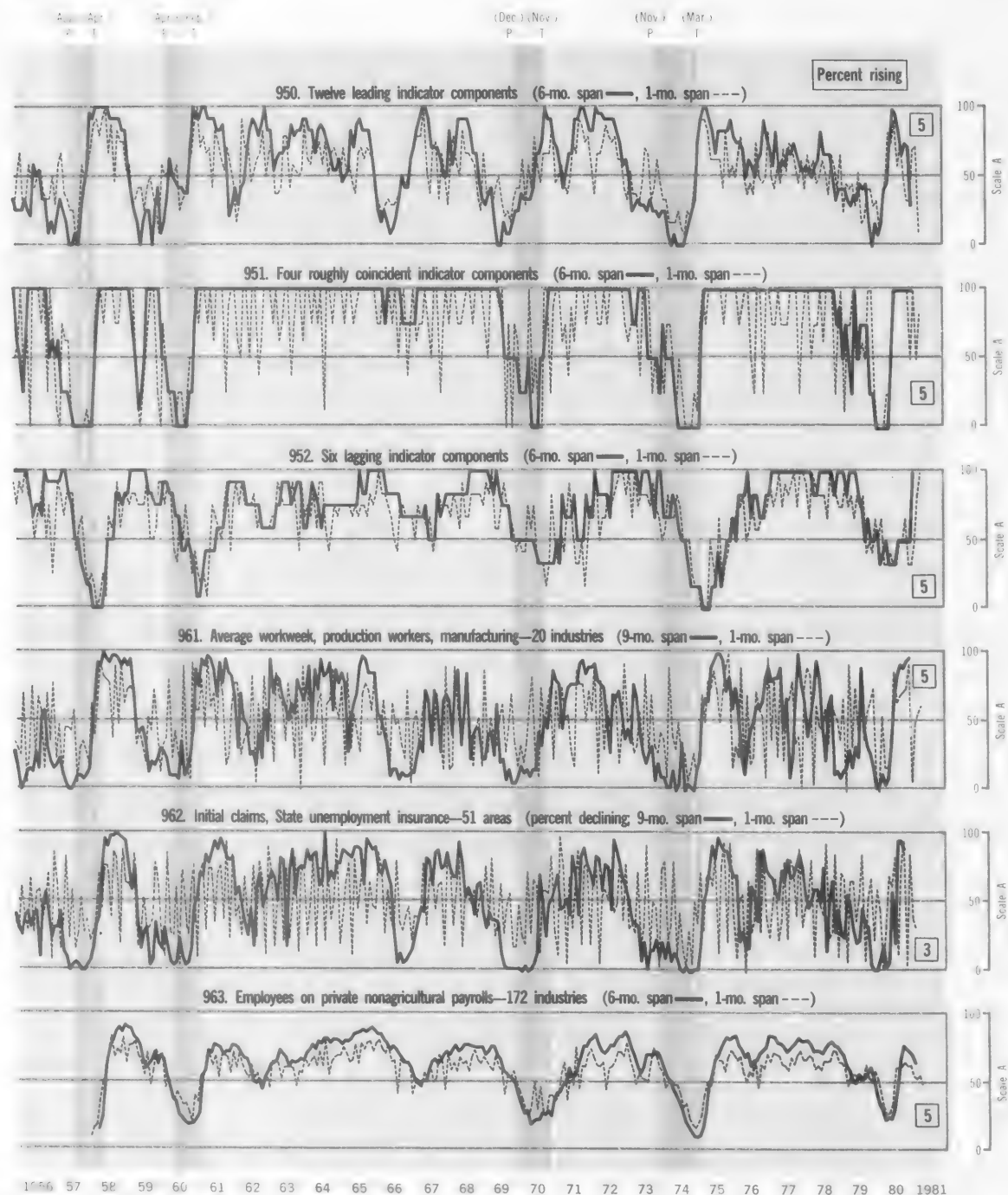
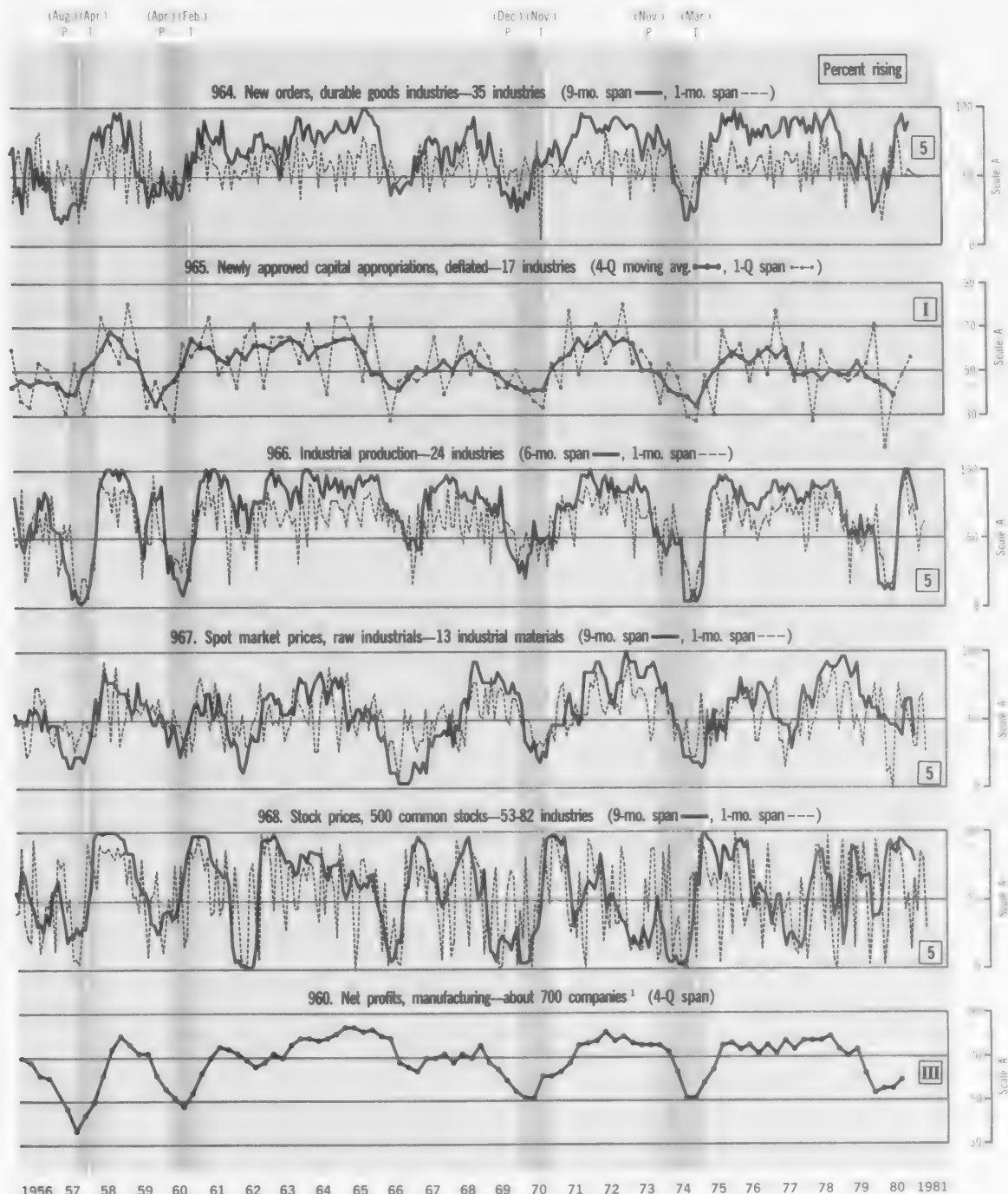


Chart C1. Diffusion Indexes



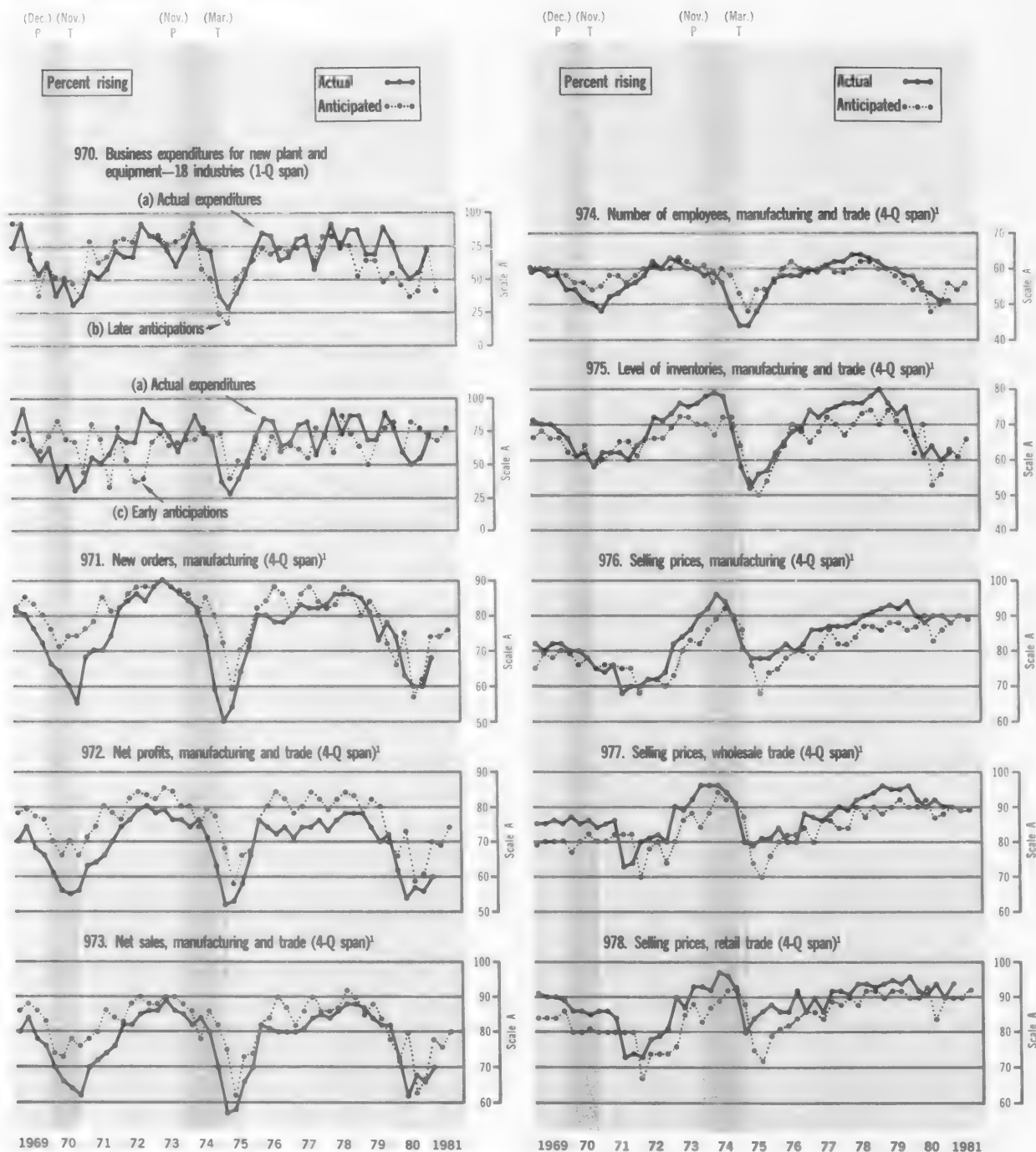
Current data for these series are shown on page 74.

Chart C1. Diffusion Indexes—Continued



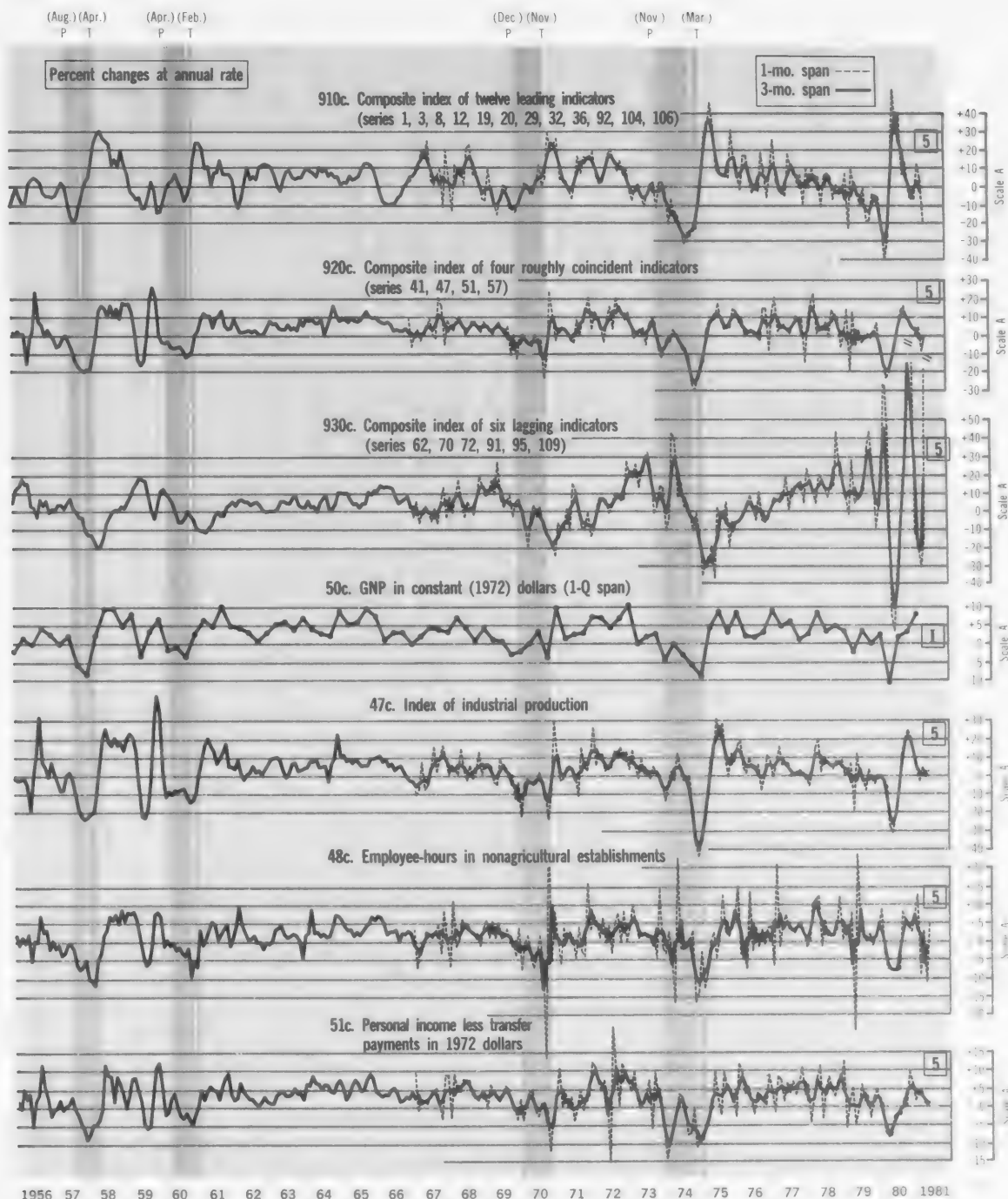
¹ This is a copyrighted series used by permission; it may not be reproduced without written permission from Dun & Bradstreet, Inc. Current data for these series are shown on page 75.

Chart C1. Diffusion Indexes—Continued



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Chart C3. Rates of Change



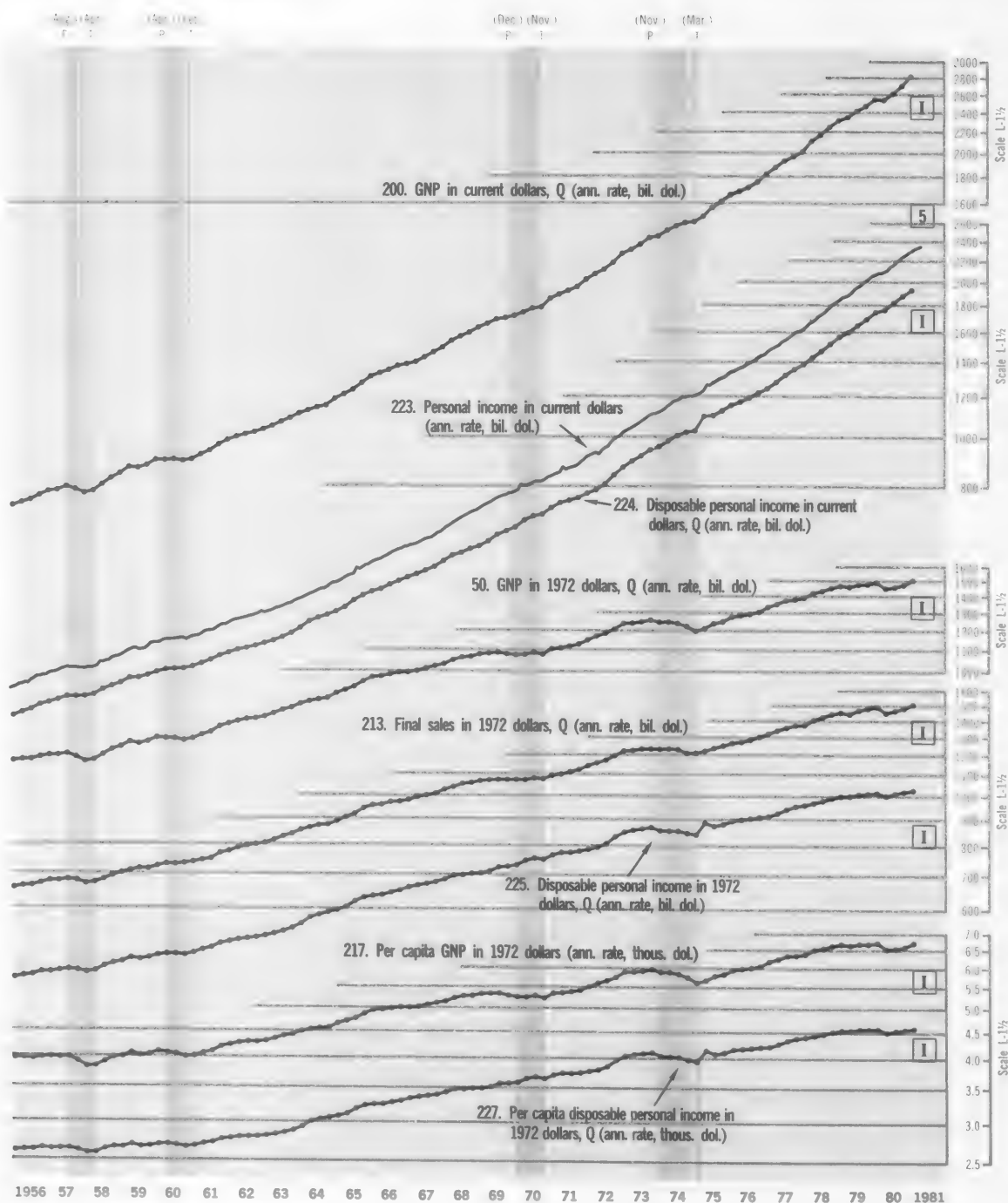
NOTE: Data for these percent changes are shown occasionally in appendix C. The "Alphabetical Index—Series Finding Guide" indicates the latest issue in which the data for each series were published.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT

Chart A1. GNP and Personal Income

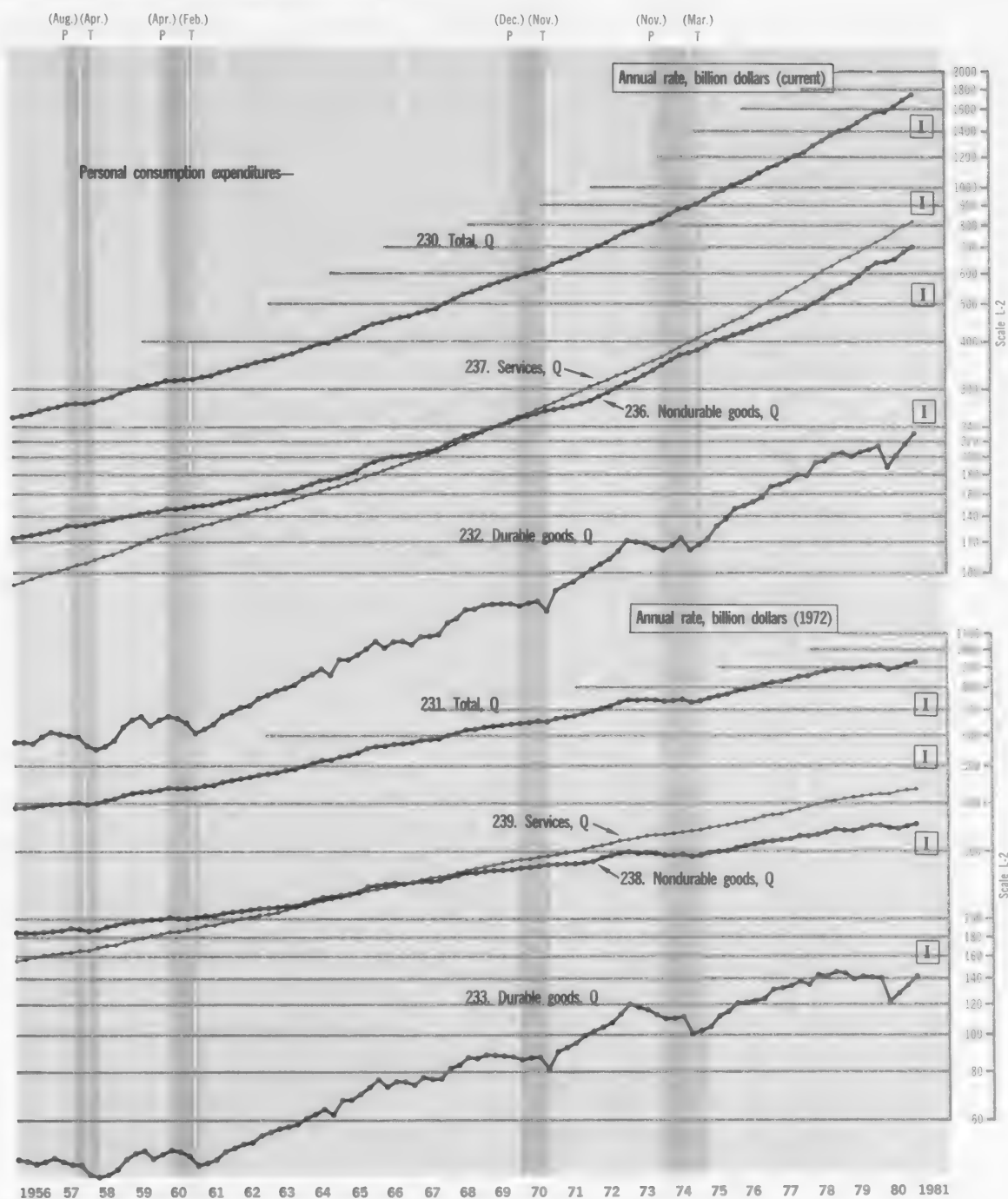




OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A2. Personal Consumption Expenditures



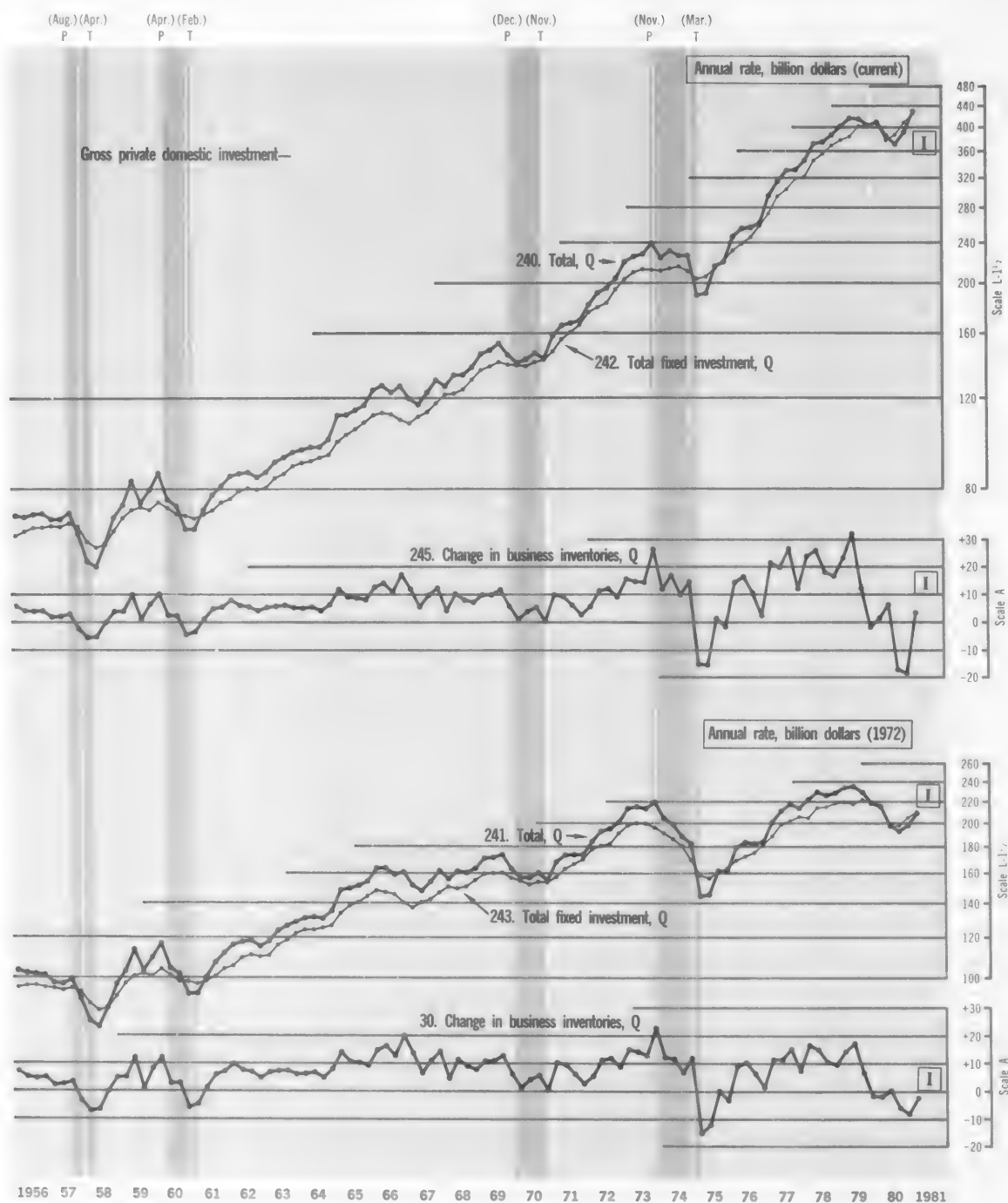
Current data for these series are shown on pages 80 and 81.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A3. Gross Private Domestic Investment

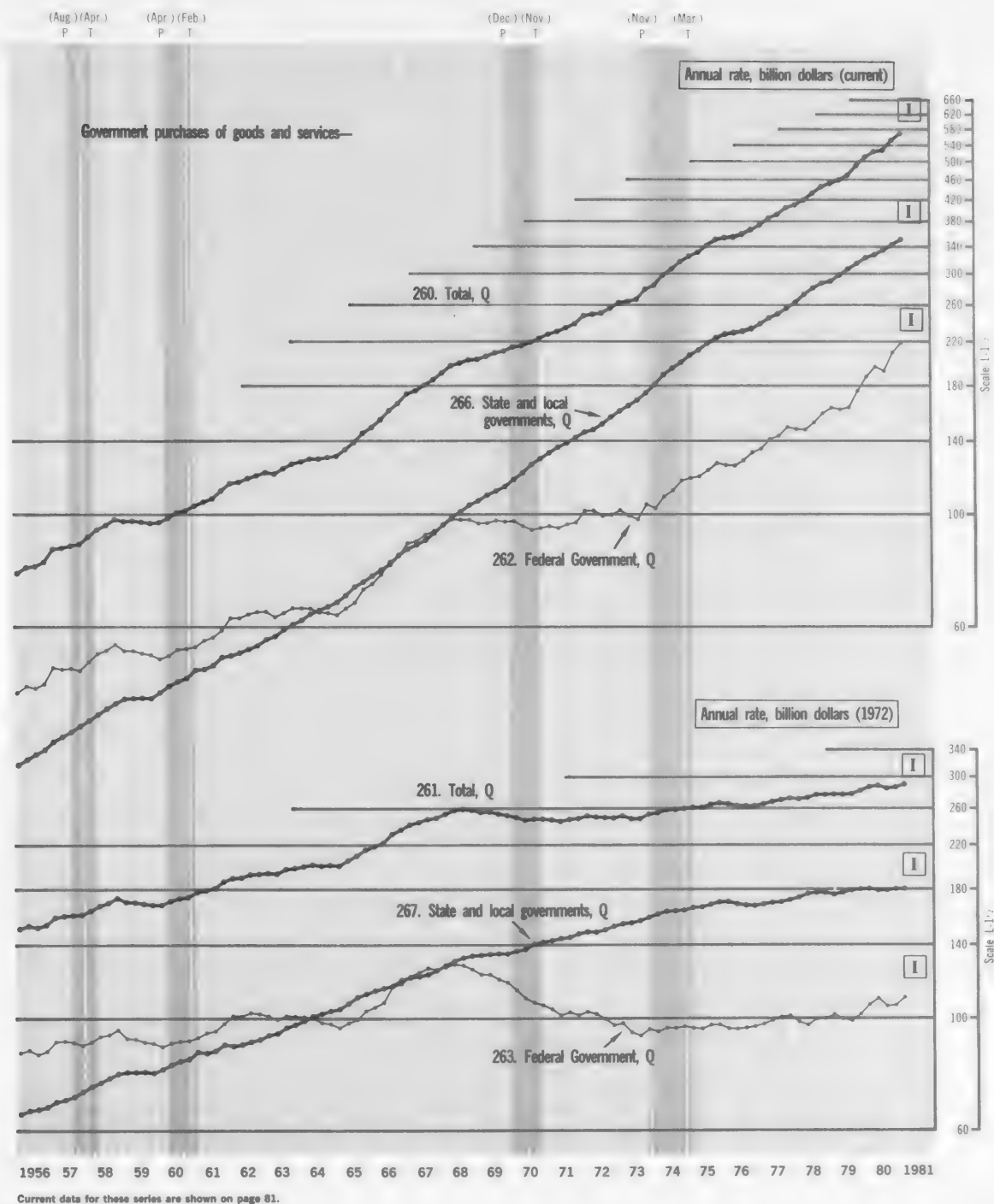




OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A4. Government Purchases of Goods and Services

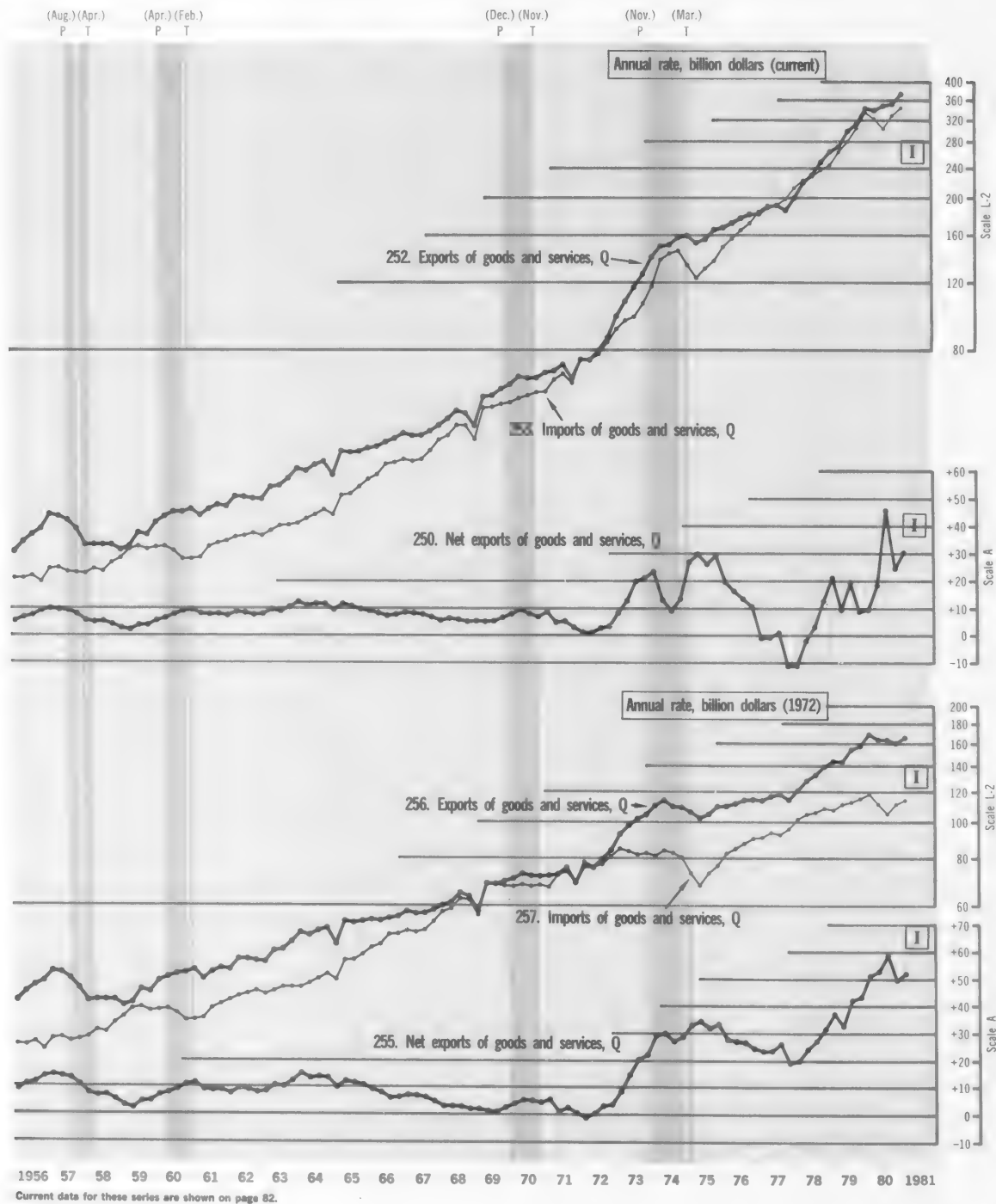




OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A5. Foreign Trade

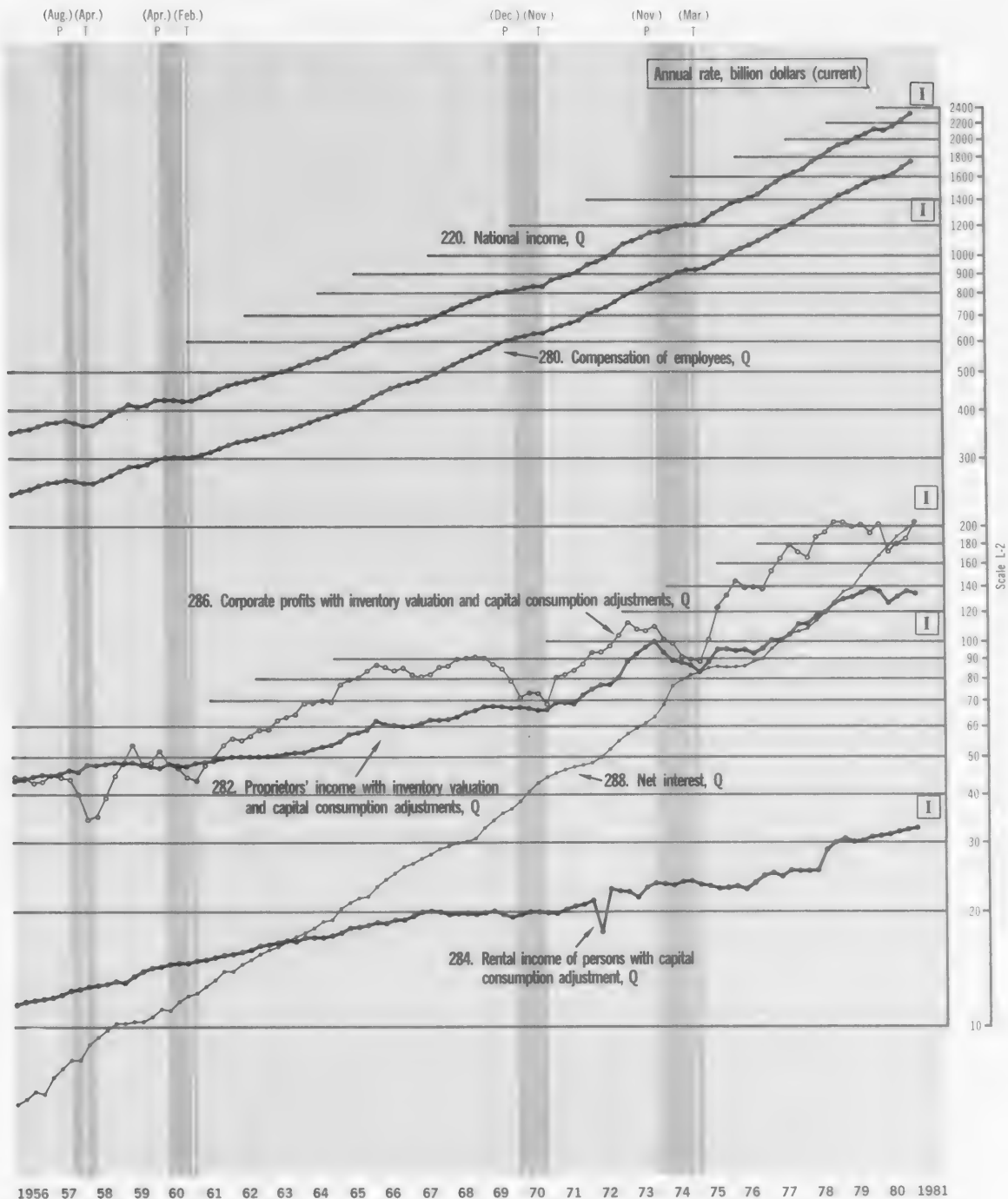


II
A

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A6. National Income and Its Components



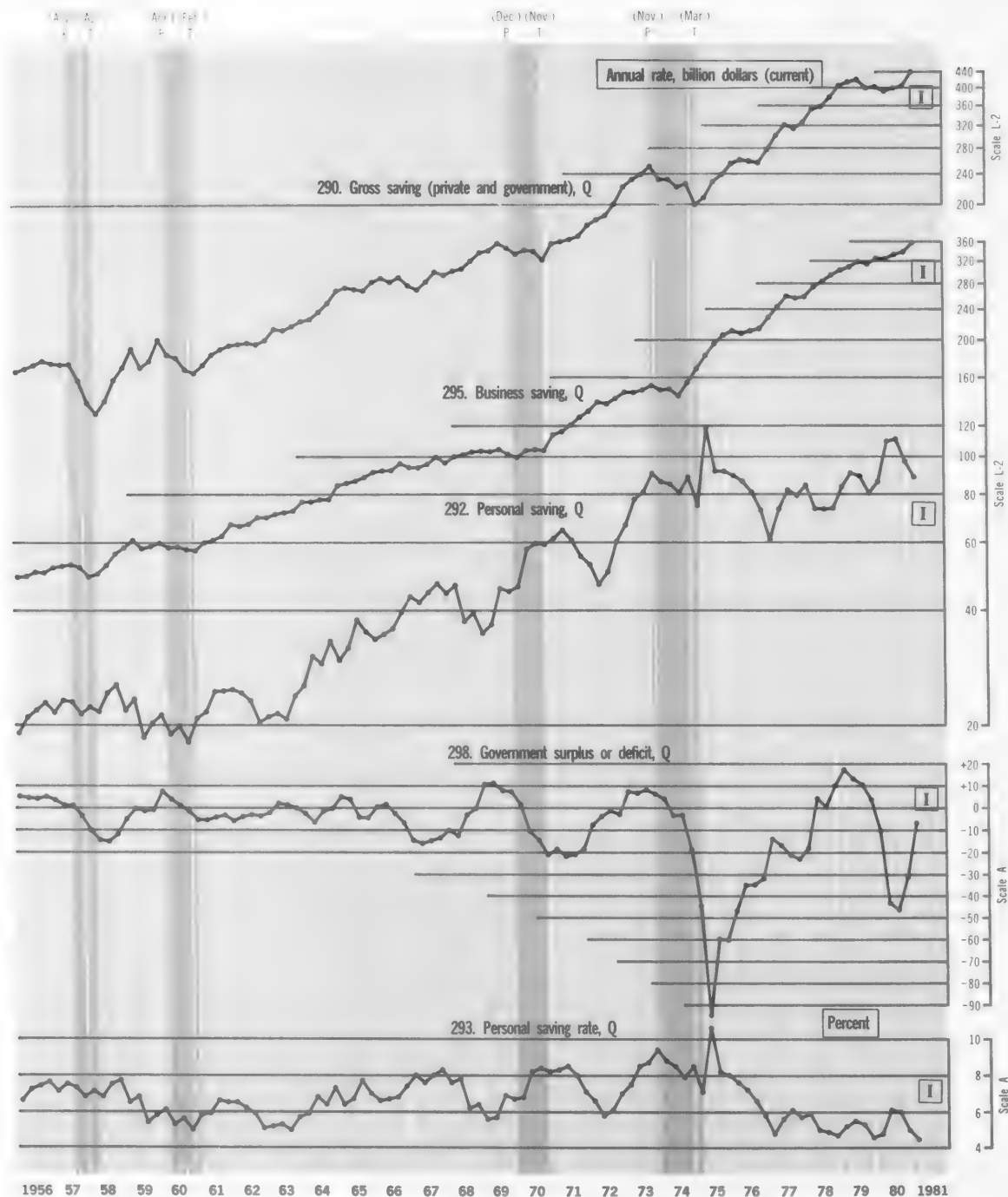
Current data for these series are shown on page 82.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A7. Saving



II
A

OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Chart A8. Shares of GNP and National Income

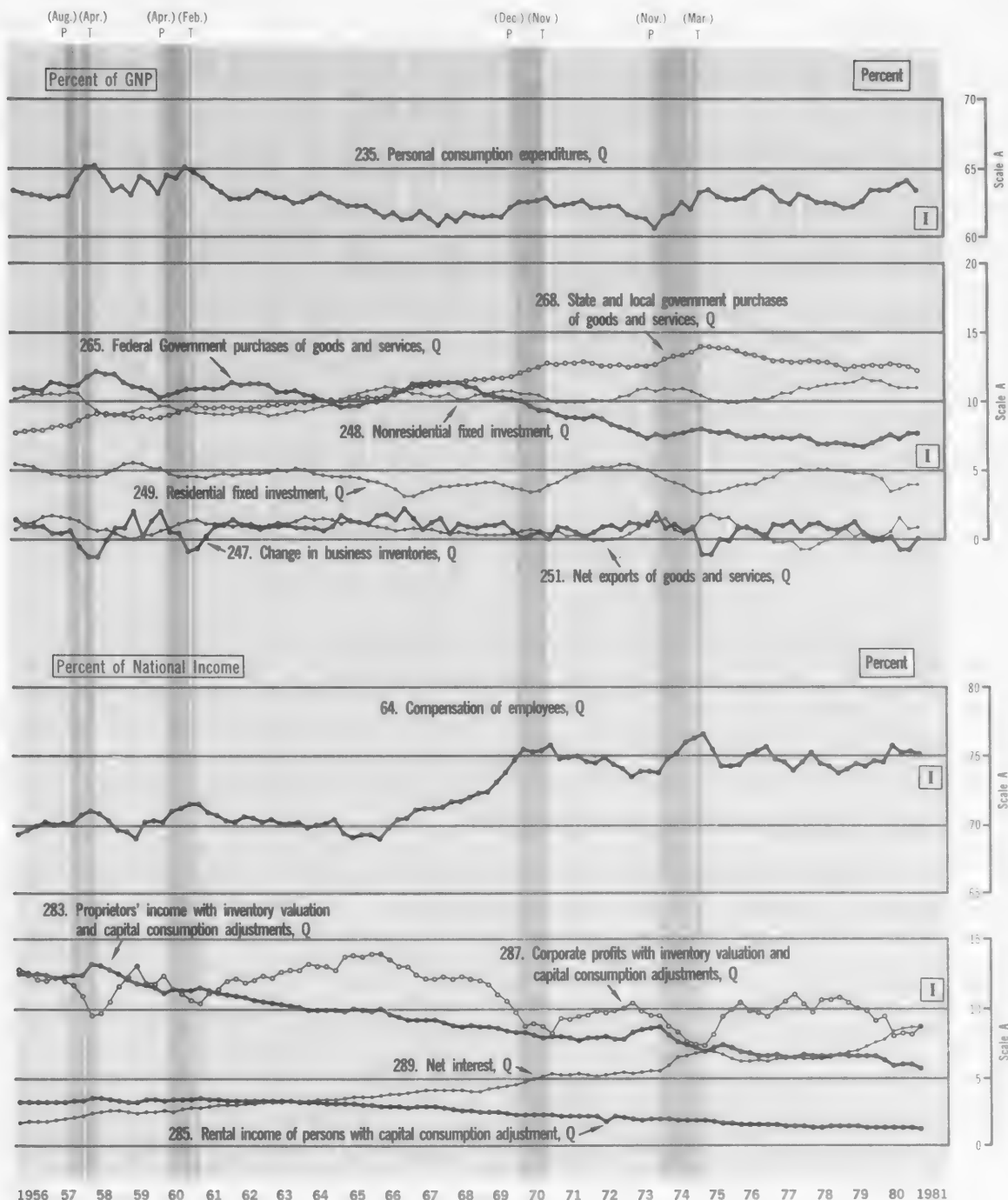
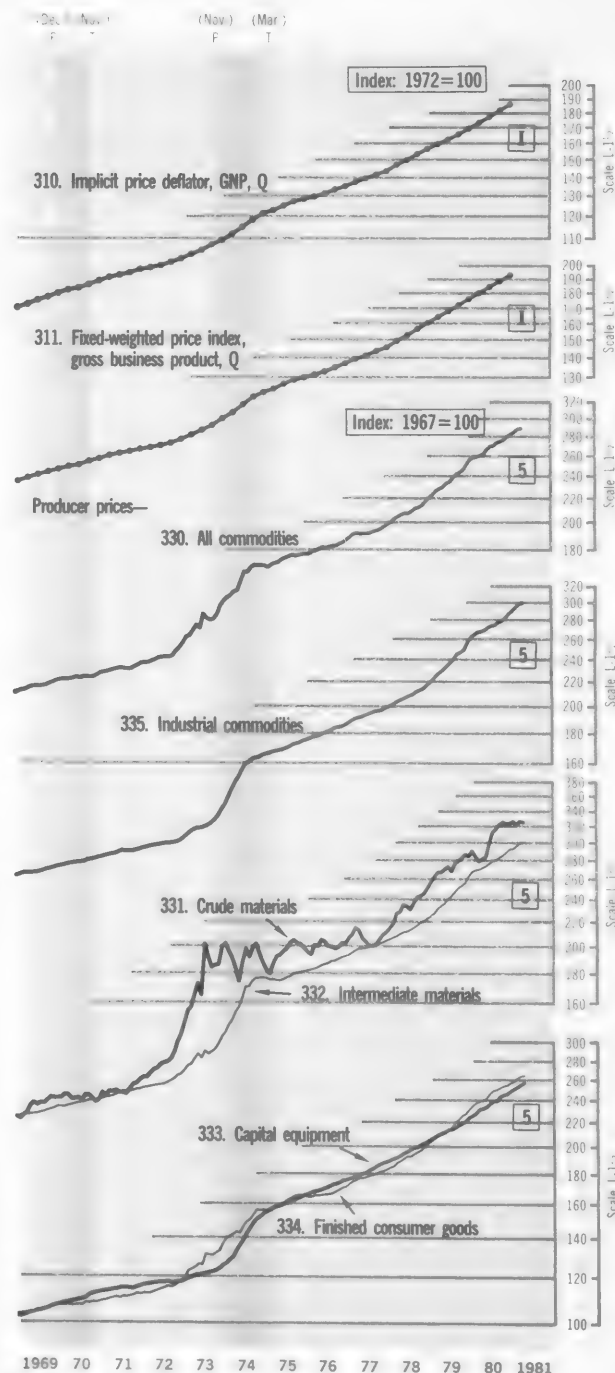
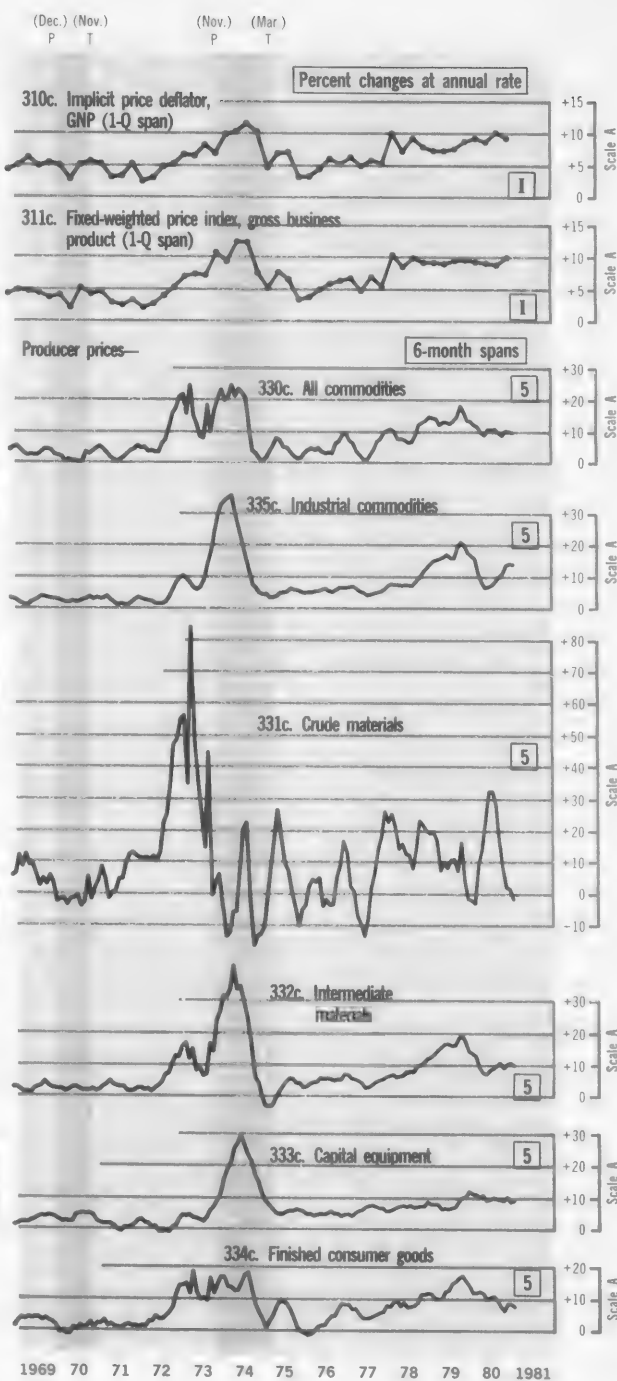


Chart B1. Price Movements



Current data for these series are shown on pages 84, 85, and 86.



II **B**

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Chart B1. Price Movements—Continued

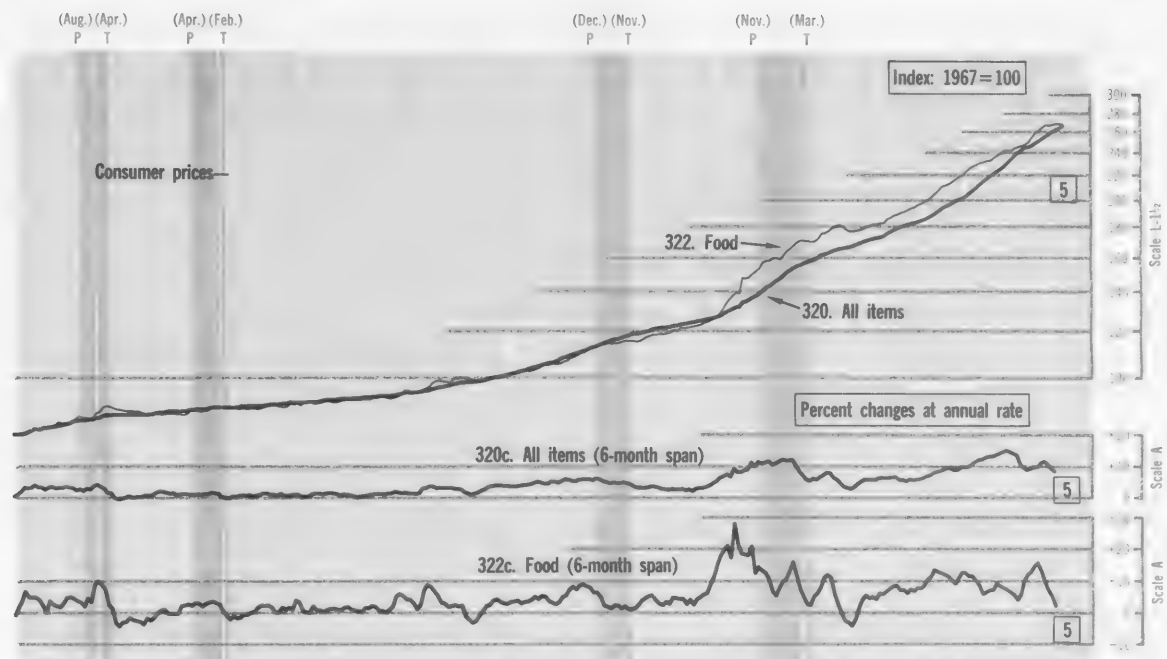
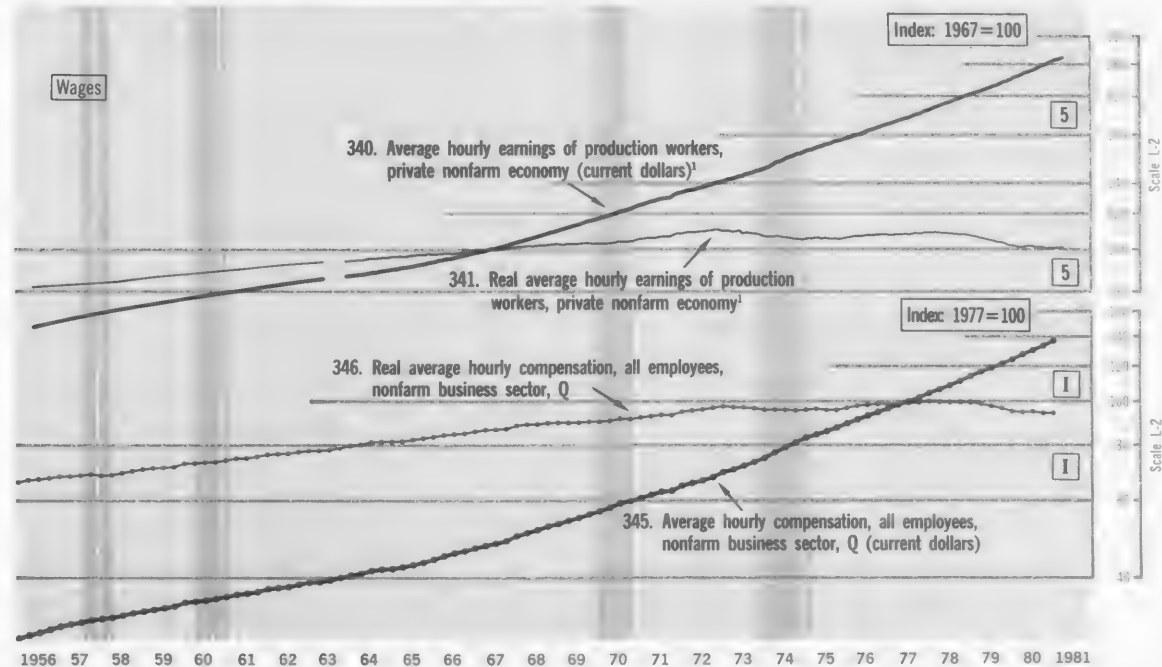


Chart B2. Wages and Productivity



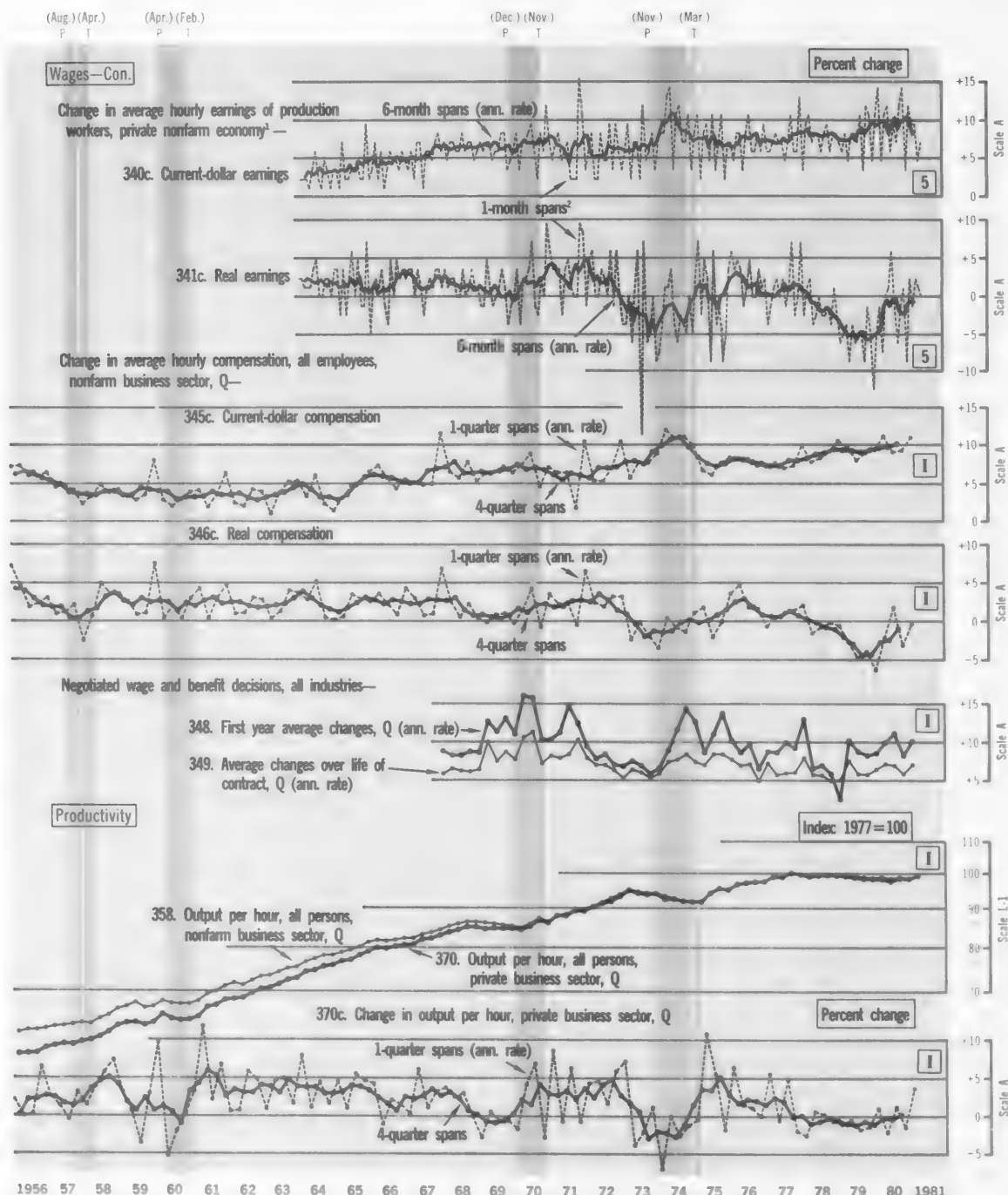
¹ Adjusted for overtime (in manufacturing only) and interindustry employment shifts and seasonality. Current data for these series are shown on pages 84, 87, and 88.

II **B**

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

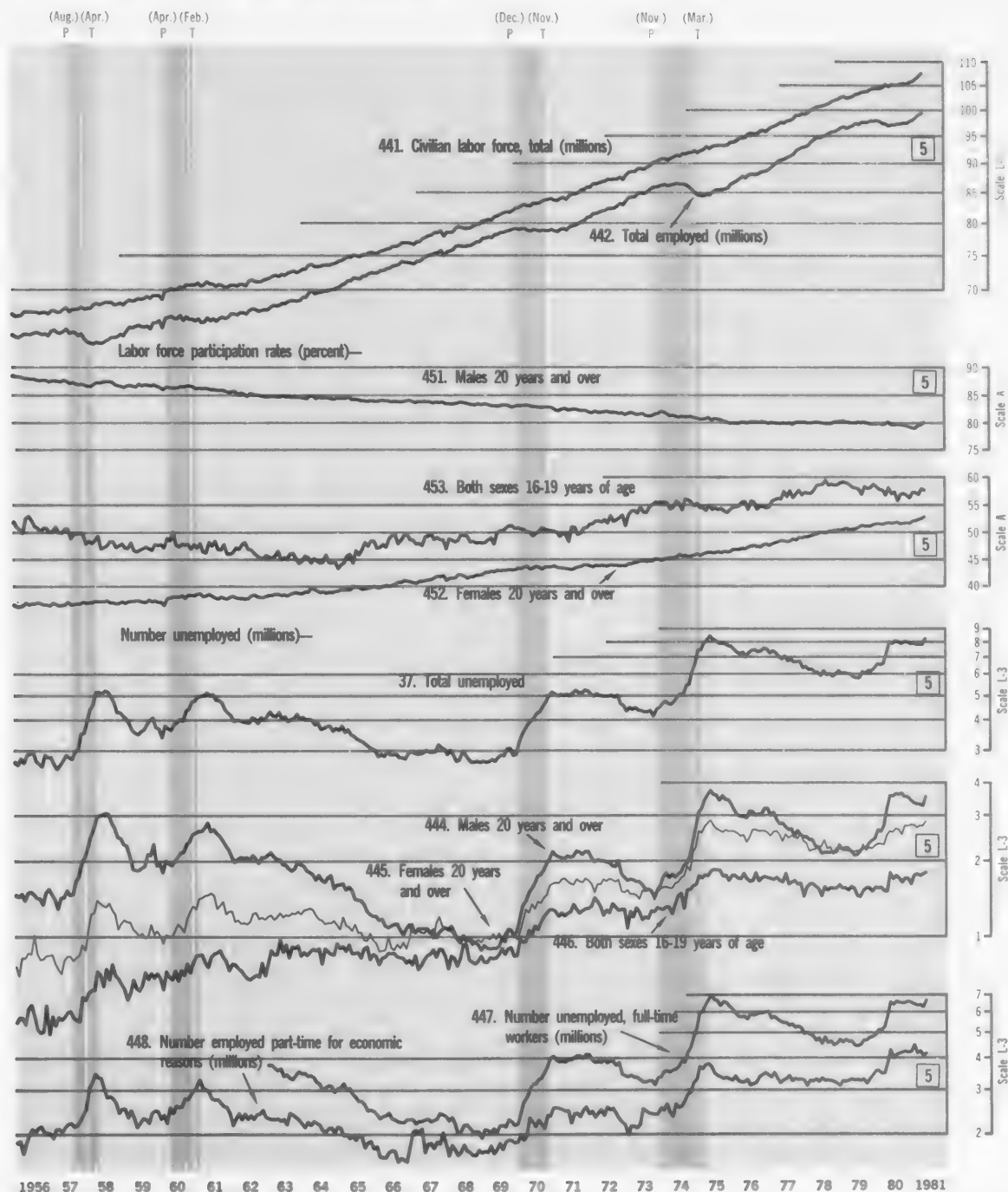
Chart B2. Wages and Productivity—Continued



1956 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 1981

¹ Adjusted for overtime (in manufacturing only) and interindustry employment shifts and seasonality. ² One-month percent changes have been multiplied by a constant (12) to make them comparable to the annualized 6-month changes. See the current data table for actual 1-month percent changes. Current data for these series are shown on pages 67 and 68.

Chart C1. Civilian Labor Force and Major Components



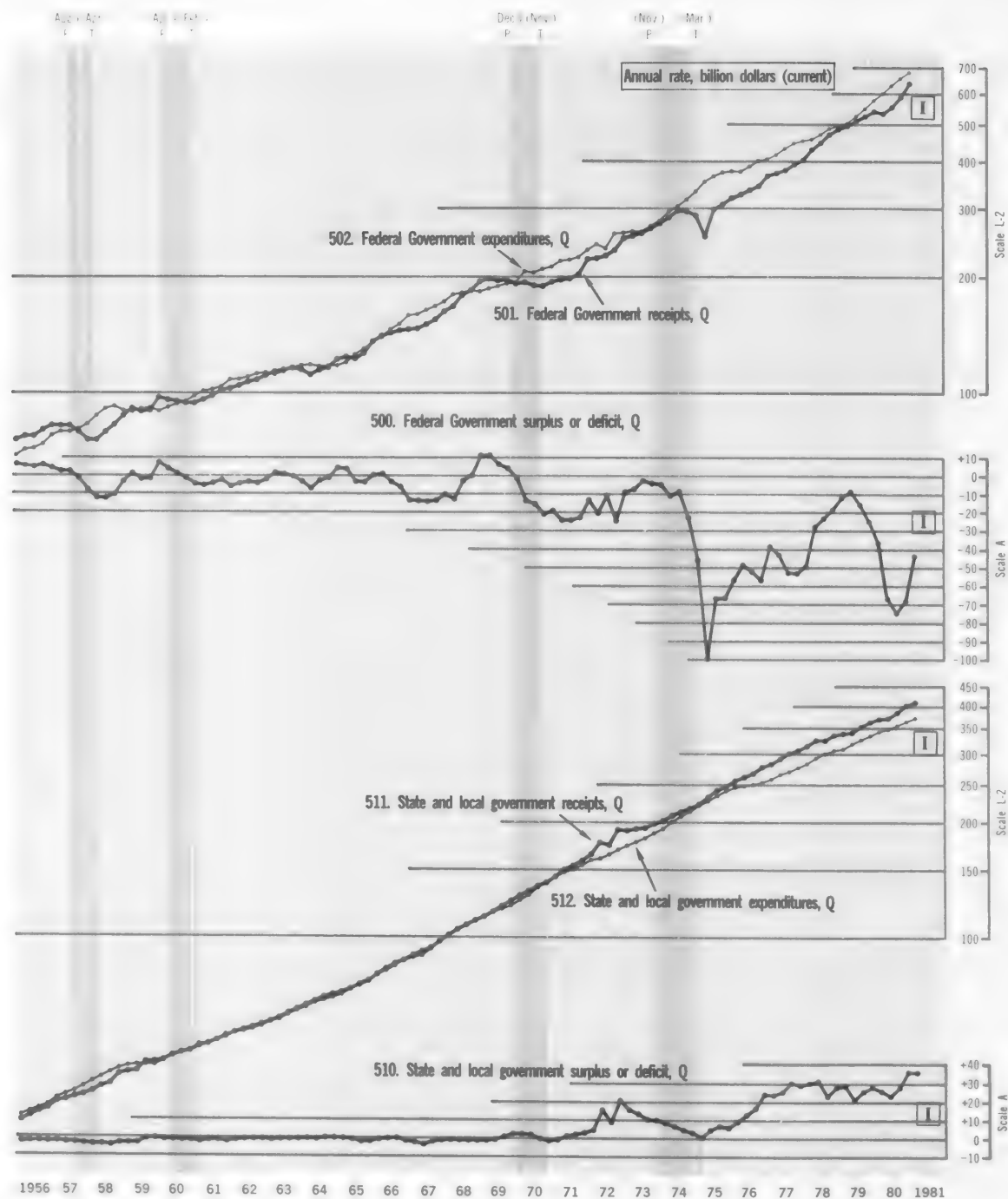
Current data for these series are shown on page 89.



OTHER IMPORTANT ECONOMIC MEASURES

GOVERNMENT ACTIVITIES

Chart D1. Receipts and Expenditures

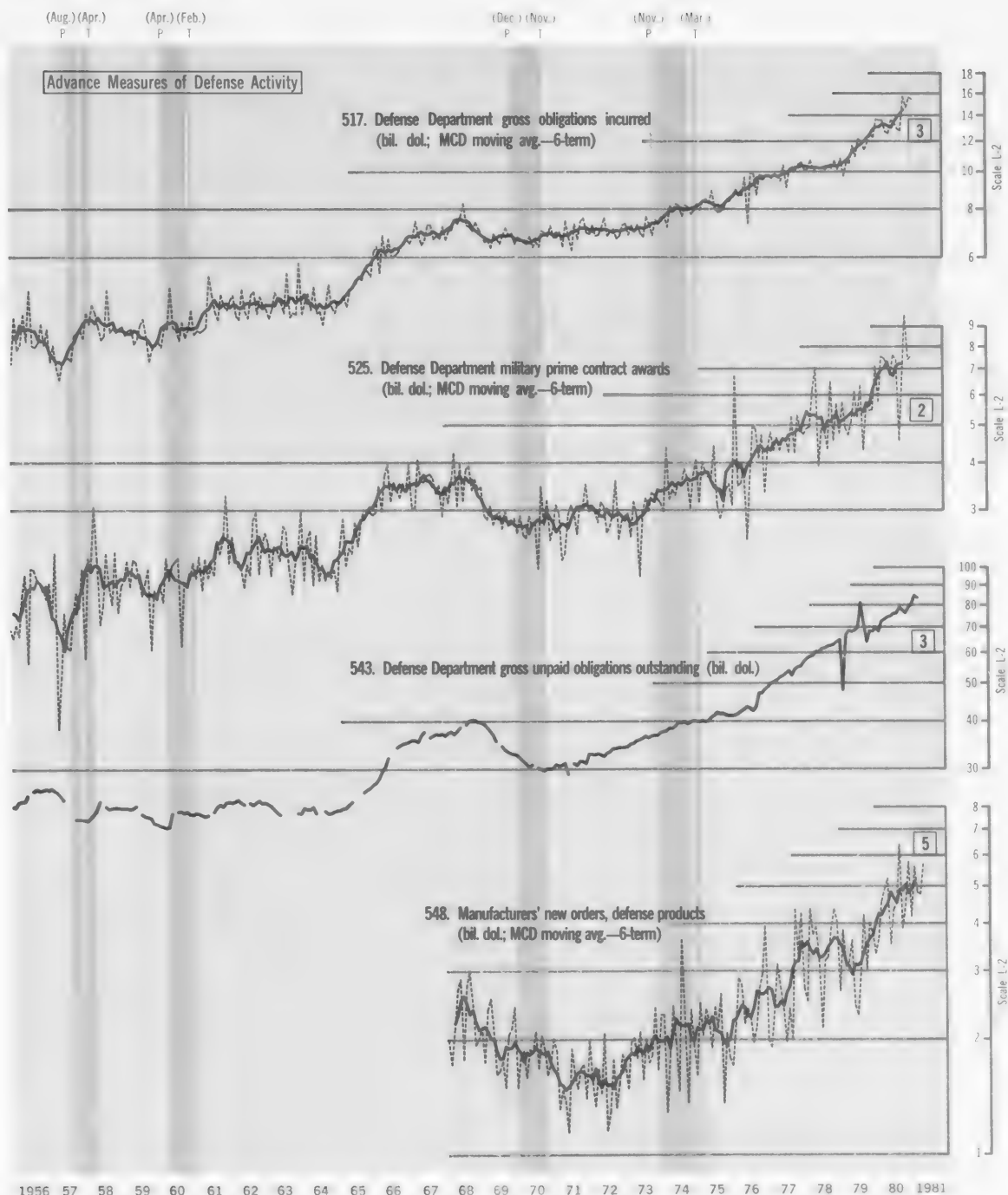


II D

OTHER IMPORTANT ECONOMIC MEASURES

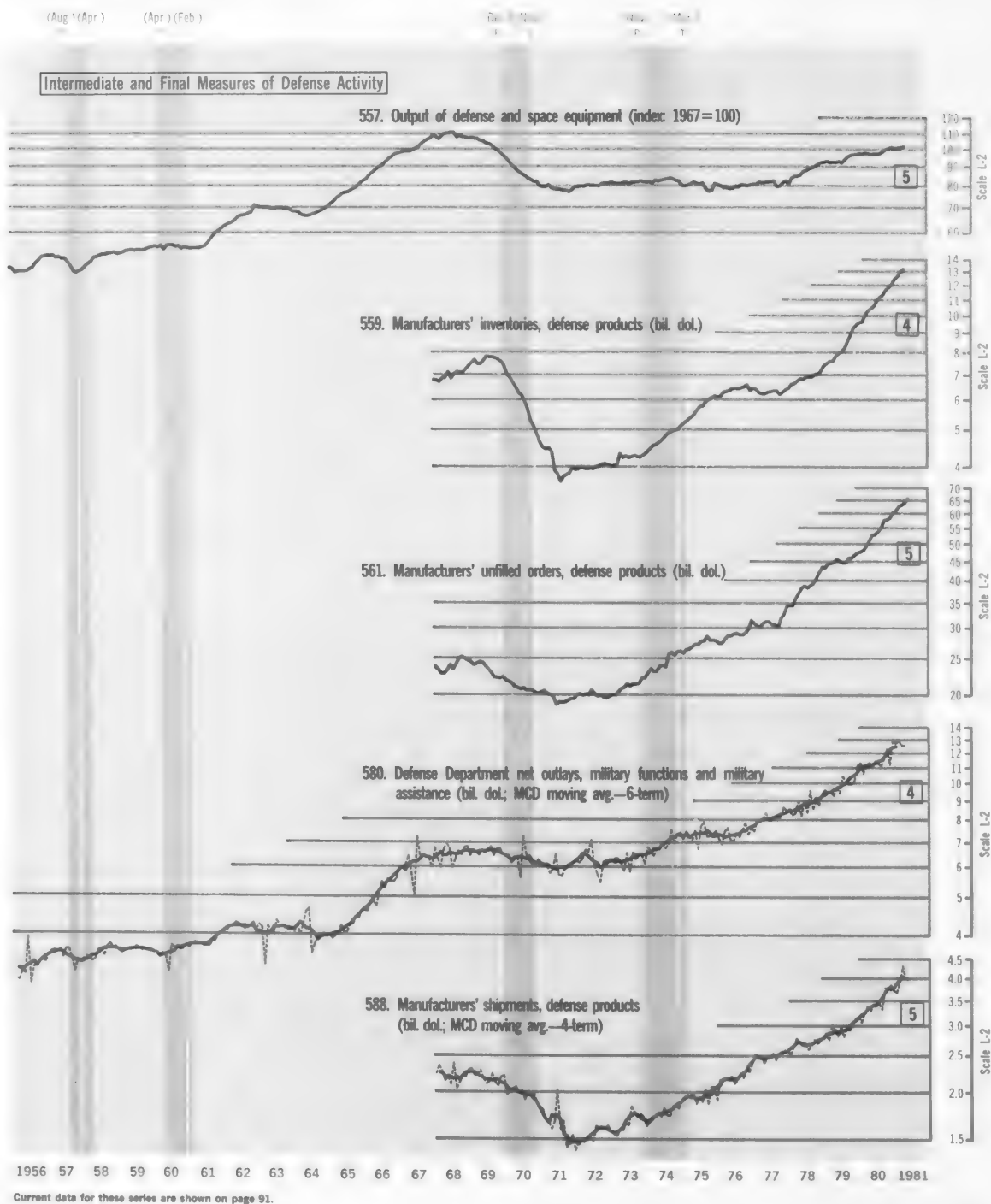
GOVERNMENT ACTIVITIES—Continued

Chart D2. Defense Indicators



Current data for these series are shown on page 90.

Chart D2. Defense Indicators—Continued



II **D**

OTHER IMPORTANT ECONOMIC MEASURES

GOVERNMENT ACTIVITIES—Continued

Chart D2. Defense Indicators—Continued

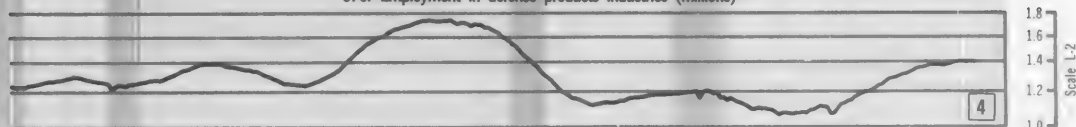
(Aug.) (Apr.)
P T P T

(Dec.) (Nov.)
P T P T

(Nov.) (Mar.)
P T P T

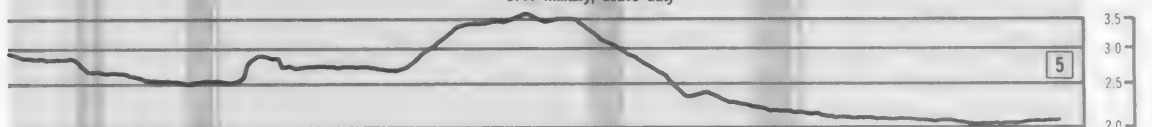
Intermediate and Final Measures of Defense Activity—Con.

570. Employment in defense products industries (millions)

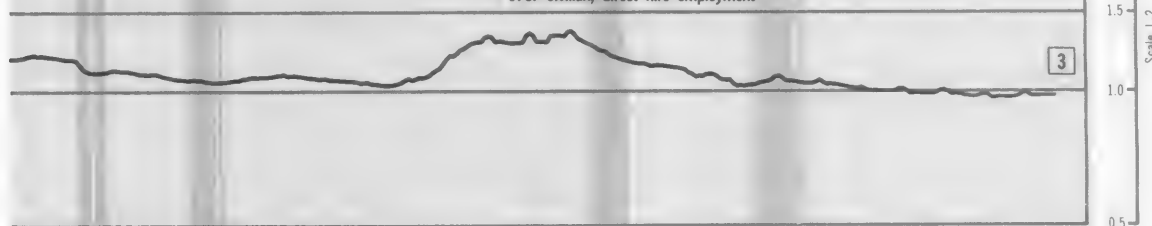


Defense Department personnel (millions)—

577. Military, active duty

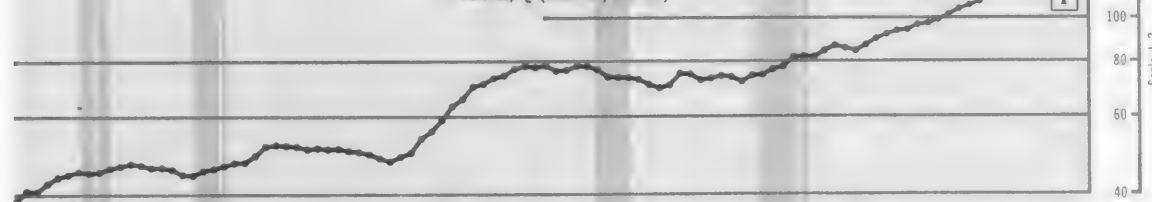


578. Civilian, direct hire employment

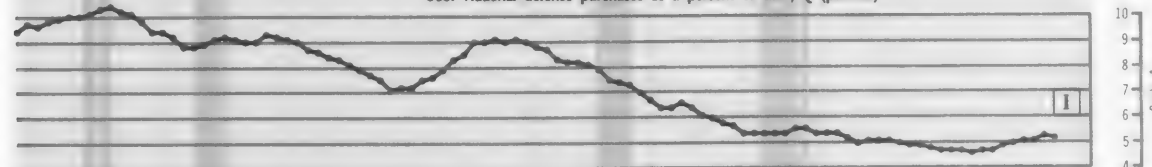


National Defense Purchases

564. Federal Government purchases of goods and services for national defense, Q (ann. rate, bil. dol.)



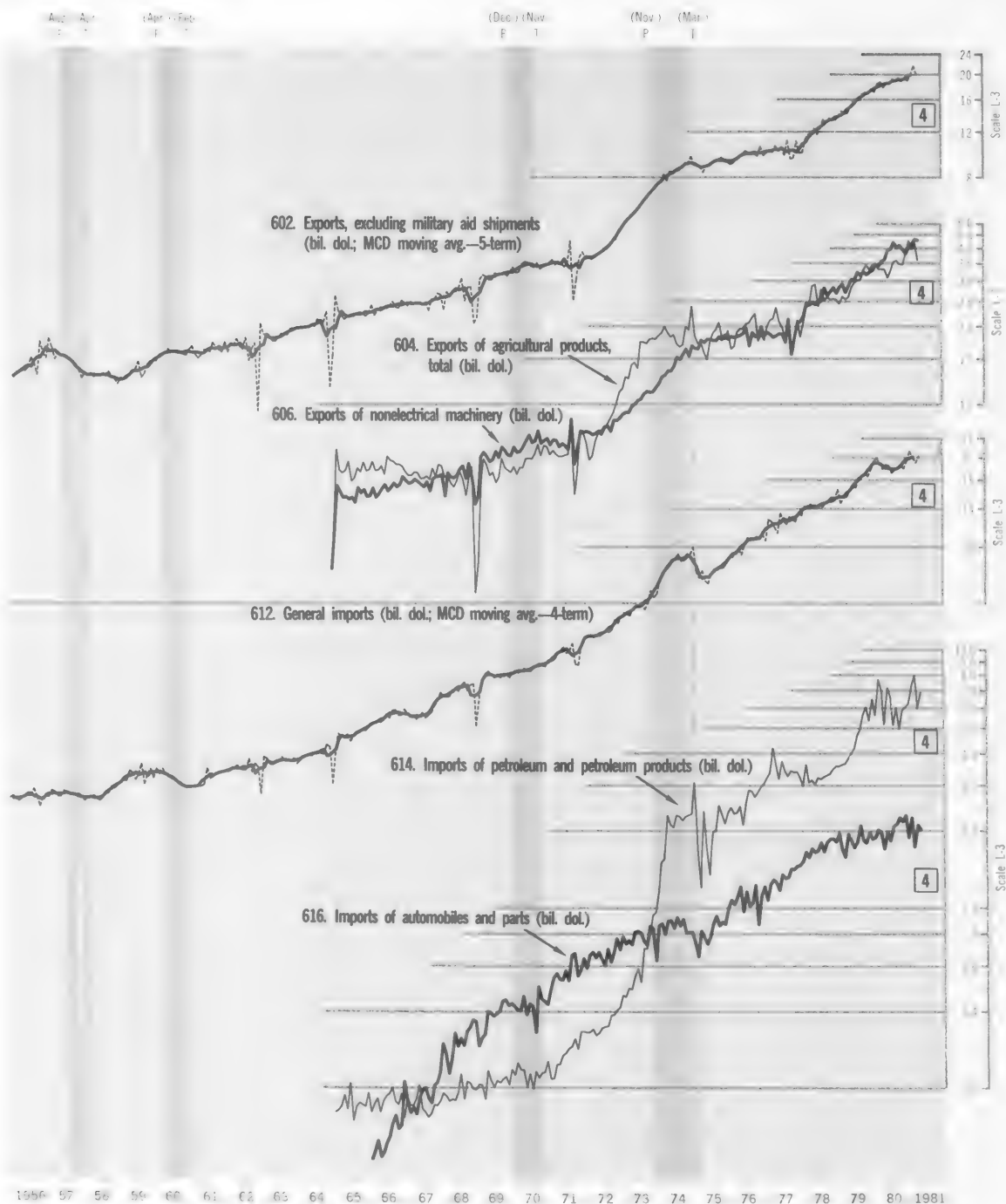
565. National defense purchases as a percent of GNP, Q (percent)



1956 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 1981

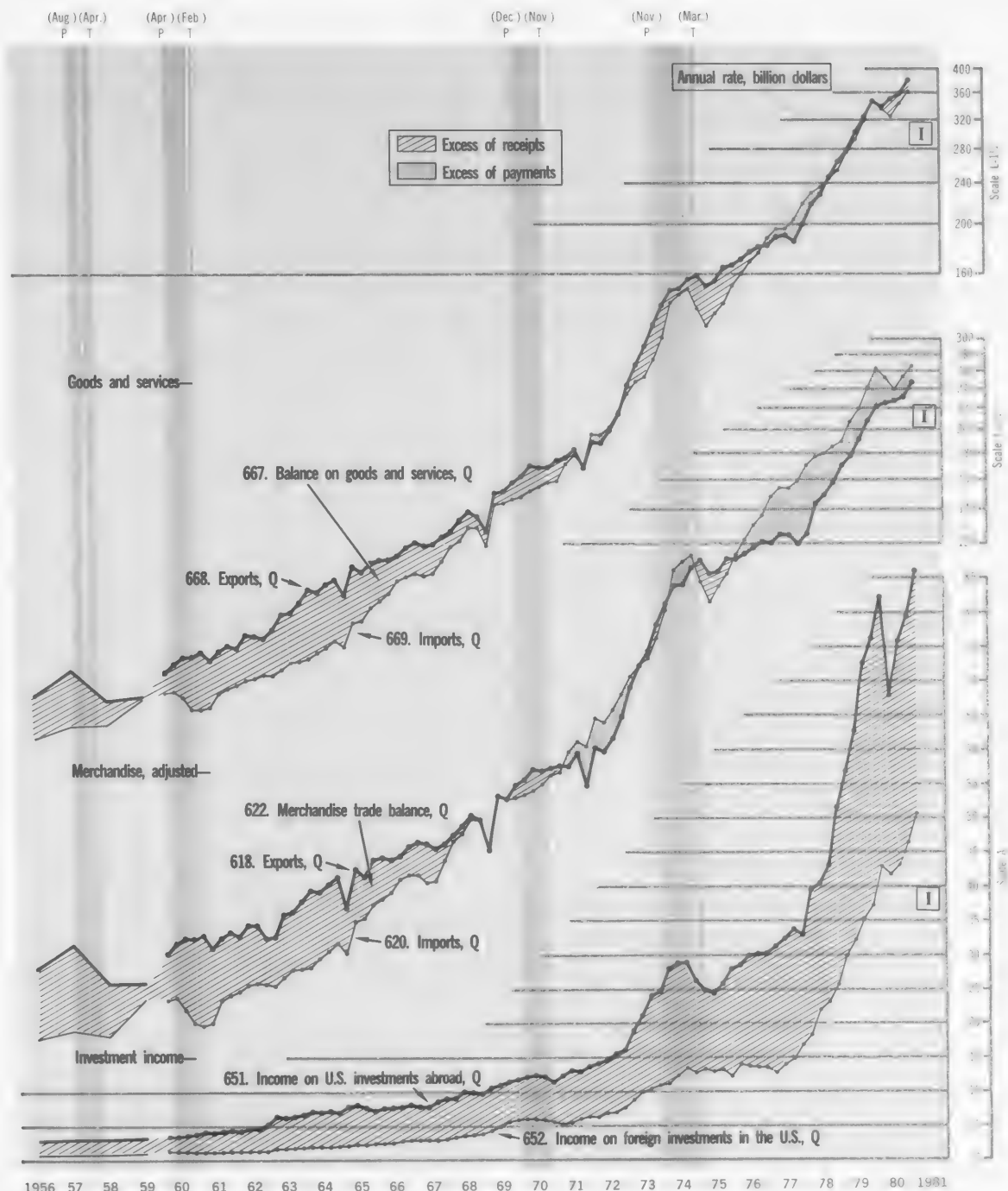
Current data for these series are shown on page 91.

Chart E1. Merchandise Trade



Current data for these series are shown on page 92.

Chart E2. Goods and Services Movements

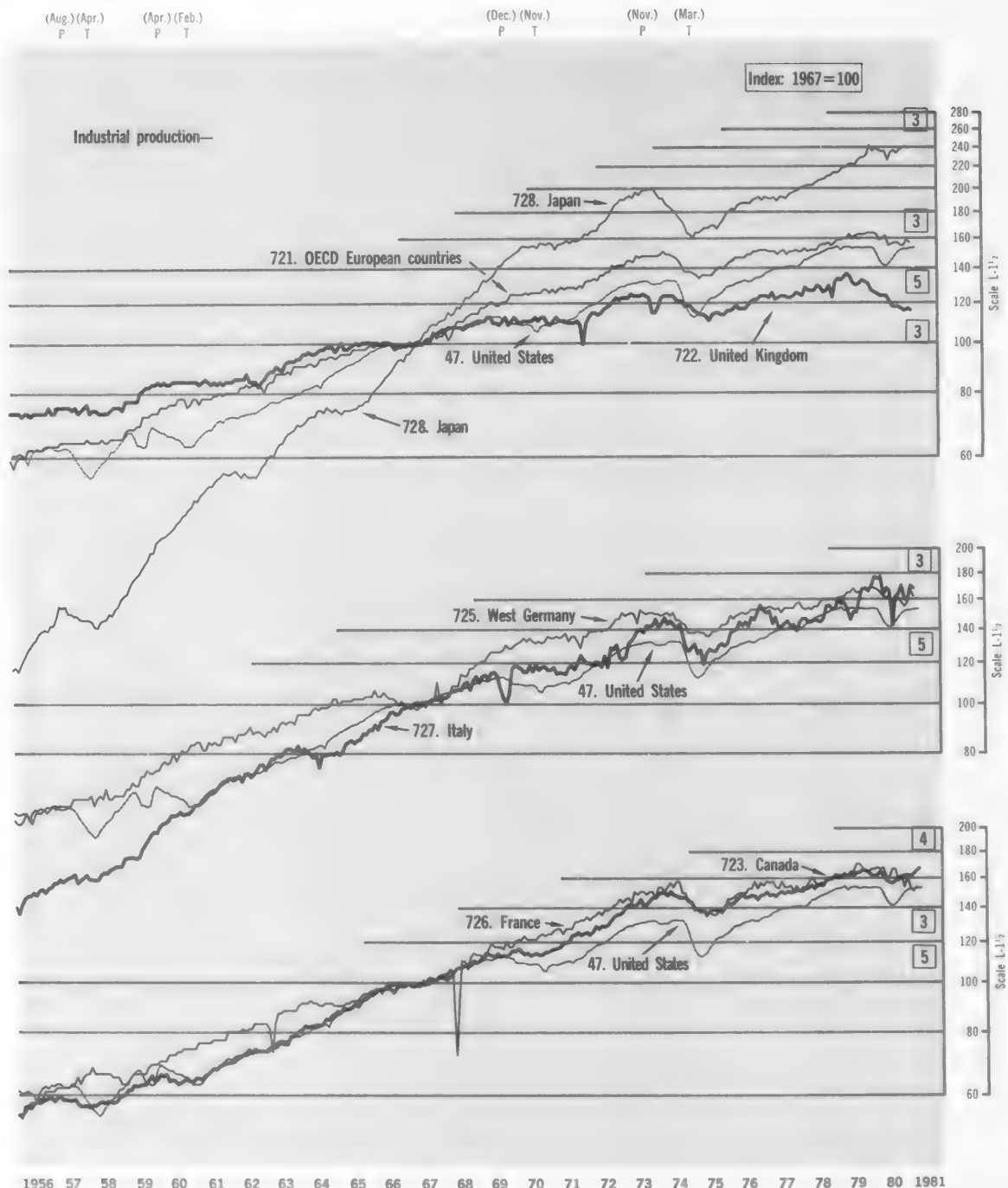




OTHER IMPORTANT ECONOMIC MEASURES

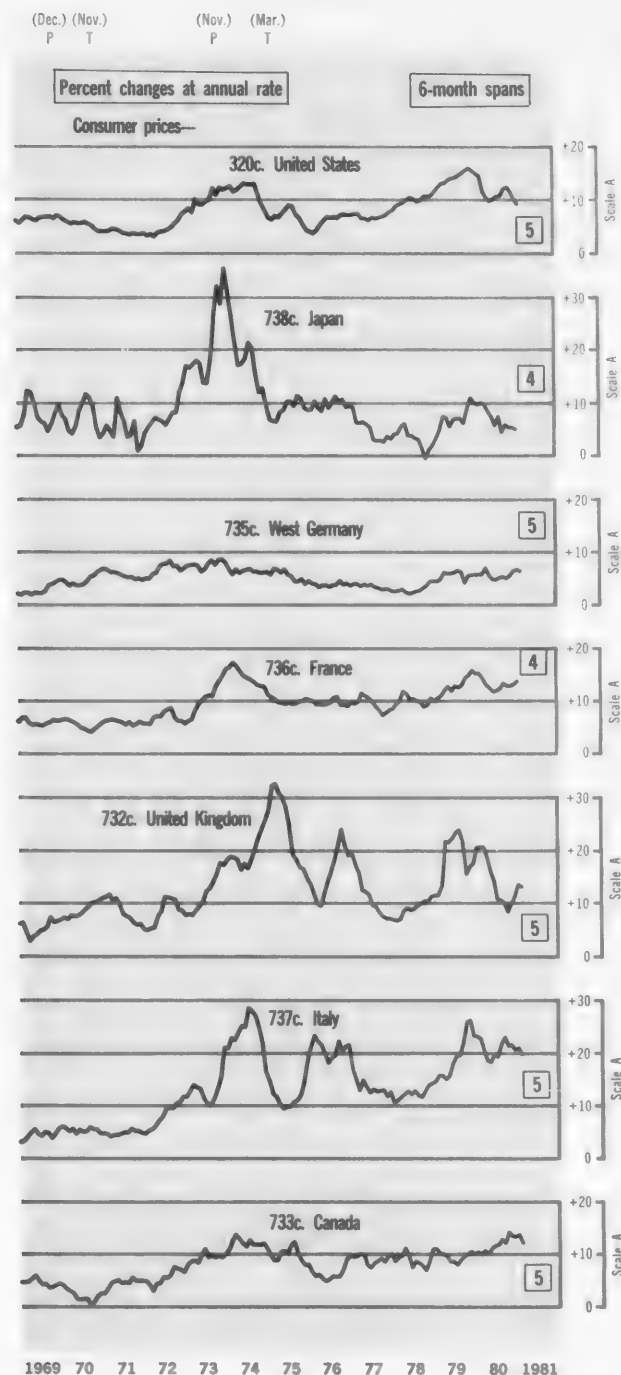
INTERNATIONAL COMPARISONS

Chart F1. Industrial Production



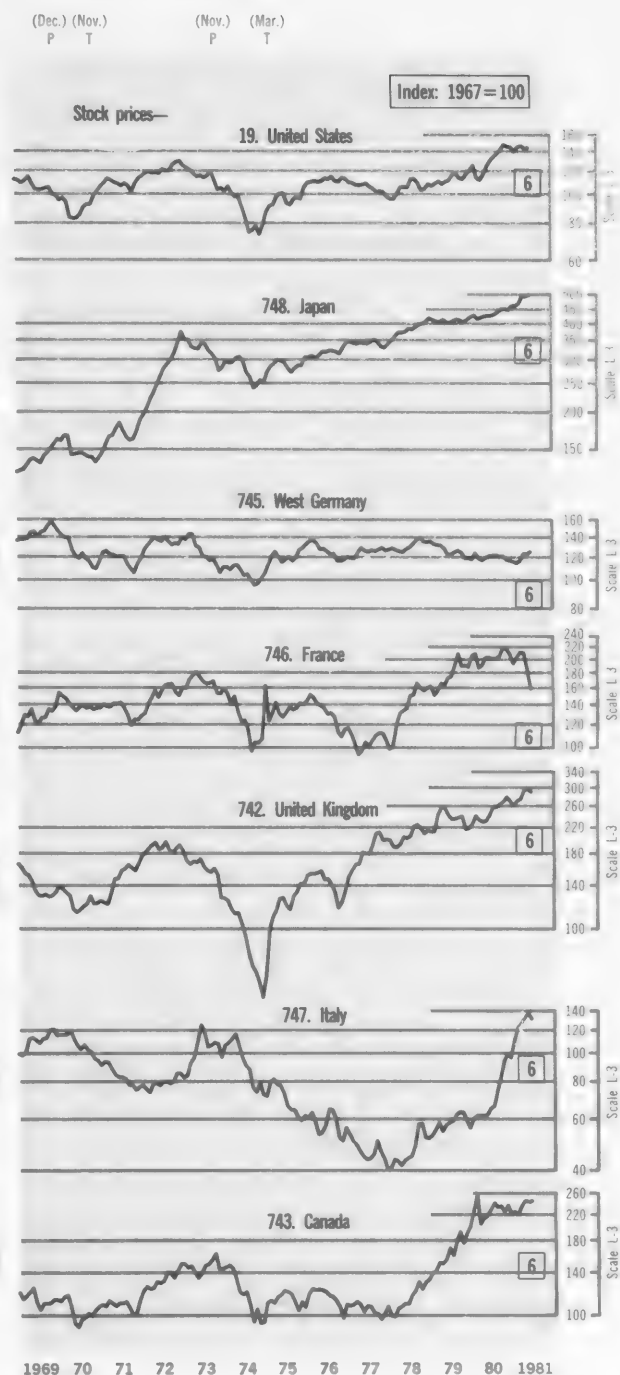
Current data for these series are shown on page 94.

Chart F2. Consumer Prices



Current data for these series are shown on pages 95 and 96.

Chart F3. Stock Prices



Year and month	A1 COMPOSITE INDEXES								
	910. Index of 12 leading indicators (series 1, 3, 8, 12, 19, 20, 29, 32, 36, 92, 104, 106) ¹	920. Index of 4 roughly coincident indicators (series 41, 47, 51, 57)	930. Index of 6 lagging indicators (series 62, 70, 72, 91, 95, 109)	940. Ratio, coincident index to lagging index ¹	Leading indicator subgroups				
	(1967=100)	(1967=100)	(1967=100)	(1967=100)	913. Marginal employment adjustments (series 1, 2, 3, 5) ¹	914. Capital investment commitments (series 12, 20, 29) ¹	915. Inventory investment and purchasing (series 8, 32, 36, 92)	916. Profitability (series 19, 26, 80) ¹	917. Money and financial flows (series 104, 106, 110) ¹
1979									
January	142.6	144.8	157.4	92.0	98.5	113.9	107.4	93.2	148.6
February	142.3	144.9	158.5	91.4	98.4	113.9	108.3	92.2	145.6
March	143.2	H 146.6	158.4	92.6	93.0	115.5	H 108.8	92.2	144.5
April	140.3	144.1	161.8	89.1	94.6	113.6	107.8	92.3	146.1
May	141.4	145.6	162.5	89.6	97.3	113.3	107.3	91.7	146.9
June	141.6	145.0	163.6	88.6	96.7	113.9	106.6	91.8	148.4
July	141.2	145.4	164.8	88.2	96.4	113.6	106.1	91.7	148.6
August	140.1	145.0	166.4	87.1	96.0	112.9	105.7	92.0	148.3
September	140.1	144.9	170.6	84.9	96.4	114.0	104.6	91.8	146.2
October	137.8	145.1	175.9	82.5	96.6	112.7	103.3	90.8	143.9
November	135.6	145.0	179.1	81.0	96.1	112.0	102.3	90.3	140.4
December	135.2	145.2	177.9	81.6	96.3	112.4	102.3	90.6	138.3
1980									
January	134.7	146.1	178.4	81.9	96.3	111.6	102.7	90.9	137.2
February	134.1	145.2	180.8	80.3	96.4	109.9	102.1	91.6	138.7
March	131.5	143.5	190.0	75.5	94.5	107.8	101.6	89.6	136.4
April	126.2	140.5	H 196.2	71.6	90.3	104.3	100.3	88.7	131.8
May	123.0	138.0	183.5	75.2	88.3	103.2	98.8	88.5	126.4
June	123.9	136.7	168.5	81.1	89.6	104.5	97.7	89.7	r128.9
July	128.4	136.4	163.6	83.4	92.0	106.0	98.5	90.6	r133.6
August	131.2	136.9	161.7	84.7	92.8	r106.9	99.6	91.4	r137.4
September	135.0	138.4	164.2	84.3	94.0	108.8	101.7	91.5	r138.6
October	135.8	140.2	168.3	83.3	95.0	107.4	103.4	91.7	r138.5
November	137.3	141.4	175.3	80.7	r95.4	108.3	103.5	92.1	r139.1
December	137.2	142.0	190.6	74.5	96.0	108.0	103.4	92.4	r138.4
1981									
January	r136.5	142.9	188.9	75.6	r95.6	106.9	r102.3	92.9	r139.6
February	r135.8	143.0	186.0	76.9	95.0	105.5	r103.4	92.9	r139.9
March	137.2	r143.6	r180.7	r79.5	94.9	r106.4	r104.2	(NA)	r139.1
April	^a 137.7	142.6	178.6	r79.8	r95.0	106.1	r104.6		r137.8
May	^a 135.2	^a 142.7	^a 194.2	p73.5	p94.4	p105.9	p102.8		p135.7
June									
July									
August									
September									
October									
November									
December									

NOTE: Series are seasonally adjusted except for those indicated by (C), that appear to contain no seasonal movement. Current high values are indicated by (H); for series that move counter to movements in general business activity, current low values are indicated by (L). Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are listed at the back of this issue. The "r" indicates revised; "p", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on pages 10 and 11.

¹The following series reached their high values before 1979: Series 910 (143.6) in October 1978, series 940 (106.6) in March 1977, series 913 (99.1) in December 1978, series 914 (117.2) in October 1978, series 916 (97.2) in August 1977, and series 917 (151.1) in November 1978.

²Excludes series 12 for which data are not yet available.

³Excludes series 12 and 36 for which data are not yet available.

⁴Excludes series 57 for which data are not yet available.

⁵Excludes series 70 and 95 for which data are not yet available.

I B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS

MAJOR ECONOMIC PROCESS	B1 EMPLOYMENT AND UNEMPLOYMENT								
Minor Economic Process	Marginal Employment Adjustments						Job Vacancies		Comprehensive Employment
Timing Class	L, L, L	L, C, L	L, L, L	L, C, L	L, L, L	L, Lg, U	L, Lg, U	L, Lg, U	U, C, C

Year and month	1. Average workweek of production workers, manufacturing ¹ (Hours)	21. Average weekly overtime hours, production workers, manufacturing ¹ (Hours)	2. Accession rate, manufacturing ¹ (Per 100 employees)	5. Average weekly initial claims, State unemployment insurance ^{1, 2} (Thous.)	3. Layoff rate, manufacturing ¹ (Per 100 employees)	4. Quit rate, manufacturing (Per 100 employees)	60. Ratio, help-wanted advertising to persons unemployed ¹ (Ratio)	46. Index of help-wanted advertising in newspapers (1967=100)	48. Employee-hours in non-agricultural establishments (Ann. rate, bil. hours)
1978									
January	40.6	3.7	4.2	344	0.9	2.2	0.805	161	168.70
February	40.6	3.7	4.1	334	0.9	H 2.2	0.785	158	168.89
March	40.6	3.7	4.0	347	0.9	2.1	0.780	156	170.04
April	39.3	2.9	4.0	434	1.1	2.1	0.780	155	166.30
May	40.2	3.4	4.0	350	1.0	2.0	0.794	154	169.34
June	40.1	3.3	4.0	375	1.2	2.0	0.796	153	169.88
July	40.1	3.3	3.9	395	1.1	1.9	0.804	155	170.09
August	40.1	3.3	3.9	390	1.4	2.0	0.762	155	170.20
September	40.1	3.2	3.9	387	1.2	1.9	0.793	159	170.57
October	40.1	3.2	4.1	395	1.2	2.0	0.811	H 167	170.50
November	40.1	3.3	4.0	409	1.3	2.0	0.771	158	170.81
December	40.2	3.2	3.9	407	1.2	1.9	0.755	159	171.34
1979									
January	40.3	3.2	3.9	r402	1.3	1.9	0.705	154	172.63
February	40.1	3.0	3.9	375	1.3	1.9	0.696	151	172.29
March	39.8	3.1	3.6	440	1.5	1.9	0.660	145	171.28
April	39.8	3.0	3.0	569	2.9	1.5	0.504	122	170.27
May	39.3	2.6	3.0	635	3.5	1.4	0.420	112	169.20
June	39.1	2.4	3.3	617	2.9	1.4	0.438	115	168.12
July	39.0	2.5	3.4	r535	1.7	1.3	0.438	118	167.12
August	39.4	2.7	3.6	502	1.9	1.3	0.439	117	168.28
September	39.6	2.7	3.8	501	1.5	1.3	0.466	122	169.12
October	39.7	2.8	3.9	439	1.4	1.3	0.475	127	169.78
November	39.9	2.9	3.6	r409	1.2	1.4	0.502	134	170.22
December	40.1	3.1	3.6	r396	1.1	1.5	0.497	130	171.22
1981									
January	40.4	3.1	3.5	r417	1.3	1.5	0.486	128	H 173.03
February	39.8	2.9	3.6	402	1.4	1.5	0.495	129	r171.79
March	40.0	r2.9	3.5	421	1.4	1.4	r0.479	r125	r172.27
April	40.1	2.9	r3.2	408	r1.2	1.3	0.453	118	r170.70
May	p40.2	p3.1	p3.0	p411	p1.4	p1.3	p0.430	p118	p171.52
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 12, 16, and 17.

¹The following series reached their high values before 1979: Series 1 (40.9) in April 1978, series 21 (3.8) in April 1978, series 2 (4.4) in December 1978, series 5 (323) in October 1978, series 3 (0.8) in September 1978, and series 60 (0.827) in October 1978.

²Data exclude Puerto Rico, which is included in figures published by the source agency.



CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS		B1 EMPLOYMENT AND UNEMPLOYMENT—Continued							
Minor Economic Process		Comprehensive Employment—Continued				Comprehensive Unemployment			
Timing Class		U, C, C	C, C, C	L, C, U	U, Lg, U	L, Lg, U	L, Lg, U	Lg, Lg, Lg	Lg, Lg, Lg
Year and month	42. Persons engaged in non-agricultural activities, labor force survey (Thous.)	41. Employees on nonagricultural payrolls, establishment survey (Thous.)	40. Employees in goods-producing industries (mining, mfg., construction) (Thous.)	90. Ratio, civilian employment to total population of working age (Percent)	37. Number of persons unemployed, labor force survey (Thous.)	43. Unemployment rate, total (Percent)	45. Average weekly insured unemployment rate, State programs ¹ (Percent)	91. Average duration of unemployment (Weeks)	44. Unemployment rate, persons unemployed 15 weeks and over (Percent)
1979									
January	92,781	88,858	26,363	59.13	5,958	5.8	3.0	11.2	1.2
February	93,088	89,109	26,377	59.27	5,993	5.9	3.0	11.3	1.2
March	93,318	89,455	26,537	59.31	5,956	5.8	3.0	11.7	1.3
April	93,061	89,386	26,473	59.07	5,918	5.8	2.9	11.0	1.2
May	93,364	89,708	26,522	59.16	5,776	5.6	2.8	10.9	1.2
June	93,562	89,909	26,557	59.24	H 5,718	5.6	2.8	10.5	1.1
July	93,995	90,054	26,582	59.43	5,738	H 5.6	H 2.8	H 10.3	H 1.0
August	93,706	90,222	26,528	59.21	6,057	5.9	2.9	10.6	1.1
September	94,189	90,283	26,554	H 59.43	5,971	5.8	2.9	10.6	1.1
October	94,153	90,441	26,554	59.24	6,132	5.9	3.0	10.5	1.1
November	94,123	90,552	26,504	59.21	6,104	5.9	3.1	10.6	1.2
December	94,458	90,678	26,590	59.30	6,272	6.0	3.1	10.6	1.2
1980									
January	94,421	91,031	H 26,715	59.18	6,500	6.2	3.2	10.6	1.3
February	94,488	91,186	26,623	59.18	6,454	6.2	3.2	10.7	1.2
March	94,291	91,144	26,476	58.99	6,543	6.3	3.4	11.0	1.3
April	93,963	90,951	26,121	58.68	7,202	6.9	3.7	11.2	1.5
May	93,764	90,468	25,745	58.54	7,944	7.6	4.2	10.6	1.6
June	93,548	90,047	25,422	58.26	7,811	7.5	4.6	11.7	1.7
July	93,732	89,867	25,163	58.30	8,021	7.6	4.4	11.8	1.8
August	93,793	90,142	25,312	58.23	7,942	7.6	4.3	12.5	2.0
September	93,781	90,384	25,476	58.27	7,800	7.4	4.3	13.0	2.2
October	93,887	90,710	25,636	58.21	7,961	7.6	4.1	13.3	2.2
November	93,999	90,961	25,811	58.22	7,946	7.5	3.8	13.6	2.2
December	93,888	91,125	25,892	58.11	7,785	7.4	3.5	13.5	2.3
1981									
January	94,294	91,481	26,041	58.30	7,847	7.4	3.4	14.4	2.2
February	94,646	91,652	25,987	58.38	7,754	7.3	3.2	14.4	2.1
March	95,136	H r91,705	26,010	58.61	7,764	7.3	3.3	14.0	2.1
April	95,513	r91,490	r25,830	58.89	7,746	7.3	3.3	13.7	2.0
May	H 95,882	p91,474	p25,678	58.97	8,171	7.6	p3.3	13.2	2.0
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 14, 15, 17, and 18.

¹Data exclude Puerto Rico, which is included in figures published by the source agency.

**I
B**
CYCLICAL INDICATORS
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B2 PRODUCTION AND INCOME							
Minor Economic Process	Comprehensive Output and Income				Industrial Production			
Timing Class	C, C, C	C, C, C	C, C, C	C, C, C	C, C, C	C, L, L	C, C, C

Year and month	50. Gross national product in 1972 dollars (Ann. rate, bil. dol.)	Personal income		51. Personal income, less transfer payments, in 1972 dollars (Ann. rate, bil. dol.)	53. Wages and salaries in mining, mfg., and construction in 1972 dollars (Ann. rate, bil. dol.)	47. Index of industrial production, total (1967=100)	73. Index of industrial production, durable manufactures (1967=100)	74. Index of industrial production, nondurable manufactures (1967=100)	49. Value of goods output in 1972 dollars (Ann. rate, bil. dol.)
		223. Current dollars (Ann. rate, bil. dol.)	52. Constant (1972) dollars (Ann. rate, bil. dol.)						
1979									
January .....	...	1,845.9	1,184.0	1,033.9	251.1	152.0	147.0	161.6	...
February	1,479.9	1,863.0	1,185.1	1,035.8	251.3	152.5	147.2	162.9	681.8
March .....	...	1,884.8	1,190.7	1,040.8	H 252.6	H 153.5	H 148.6	164.0	...
April .....	...	1,891.9	1,188.4	1,037.1	251.4	151.1	144.5	162.6	...
May	1,473.4	1,903.4	1,188.1	1,037.5	249.5	152.7	147.6	163.6	669.1
June .....	...	1,923.5	1,193.2	1,043.3	248.2	153.0	147.6	163.7	...
July .....	...	1,954.0	1,202.5	1,045.2	247.3	153.0	147.2	164.8	...
August	1,488.2	1,974.8	1,206.4	1,048.4	245.1	152.1	144.4	165.2	673.6
September .....	...	1,987.9	1,203.3	1,046.3	244.4	152.7	145.9	165.4	...
October .....	...	2,011.3	1,205.8	1,049.0	242.9	152.7	146.0	164.8	...
November	1,490.6	2,032.7	1,209.9	1,053.6	241.5	152.3	145.2	165.0	673.3
December .....	...	2,051.8	1,211.9	1,055.3	241.7	152.5	144.8	165.3	...
1980									
January .....	...	2,077.2	1,216.2	1,056.5	240.6	152.7	144.7	166.0	...
February	1,501.9	2,086.4	1,207.4	1,050.9	239.2	152.6	144.1	165.9	682.1
March .....	...	2,101.0	1,199.2	1,044.0	236.3	152.1	143.4	164.7	...
April .....	...	2,102.1	1,194.4	1,037.6	231.9	148.3	138.4	161.6	...
May	1,463.3	2,114.1	1,195.1	1,036.0	228.2	144.0	133.3	158.0	658.1
June .....	...	2,127.1	1,195.0	1,035.1	225.1	141.5	129.9	155.3	...
July .....	...	2,161.2	1,206.7	1,033.8	224.2	140.4	128.3	154.7	...
August	1,471.9	2,179.4	1,207.4	1,036.2	226.2	141.8	129.4	156.9	657.5
September .....	...	2,205.7	1,208.6	1,036.9	227.7	144.1	131.7	160.3	...
October .....	...	2,234.3	1,216.3	1,045.5	229.4	146.9	135.8	161.8	...
November	1,485.6	2,257.6	1,221.0	1,051.6	231.5	149.4	139.3	163.3	662.9
December .....	...	2,276.6	1,222.7	1,053.7	232.1	151.0	140.6	165.0	...
1981									
January .....	...	2,300.7	1,227.7	1,057.8	234.9	151.7	141.4	165.2	...
February	H r1,516.4	r2,318.2	r1,231.1	r1,062.0	232.6	151.5	r140.7	r166.1	H r688.9
March .....	...	r2,340.4	r1,233.1	r1,063.5	r232.5	152.2	r142.2	r165.5	...
April .....	...	r2,353.5	r1,233.5	r1,064.5	r231.7	r152.3	r142.7	r166.1	...
May .....	...	H p2,367.2	H p1,235.5	H p1,066.6	p230.9	p152.8	p143.5	H p166.6	...
June .....	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 14, 19, 20, and 40.



CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B2 PRODUCTION AND INCOME—Continued			B3 CONSUMPTION, TRADE, ORDERS, AND DELIVERIES					
Minor Economic Process	Capacity Utilization			Orders and Deliveries					
Timing Class	L, C, U	L, C, U	L, L, L	L, L, L	L, L, L	L, L, L	L, Lg, U	L, L, L

Year and month	83. Rate of capacity utilization, manufacturing (BEA)	82. Rate of capacity utilization, manufacturing (FRB)	84. Rate of capacity utilization, materials	Value of manufacturers' new orders, durable goods industries		8. New orders for consumer goods and materials in 1972 dollars	25. Change in unfilled orders, durable goods industries	96. Manufacturers' unfilled orders, durable goods industries	32. Vendor performance, companies receiving slower deliveries (C)
	(Percent)	(Percent)	(Percent)	6. Current dollars (Bil. dol.)	7. Constant (1972) dollars (Bil. dol.)	(Bil. dol.)	(Bil. dol.)	(Bil. dol.)	(Percent reporting)
1979									
January .....	...	...	...	78.68	44.23	H 39.00	5.91	234.72	59
February .....	...	H 86.9	H 88.4	80.43	44.76	38.52	H 7.10	241.82	77
March	H 84	...	...	81.65	H 45.06	38.73	5.89	247.71	H 78
April .....	...	...	...	75.93	41.44	36.81	4.73	252.43	76
May .....	...	85.9	87.5	77.04	41.73	36.90	1.52	253.96	76
June	83	...	...	76.03	40.90	36.39	3.23	257.19	70
July .....	...	...	...	74.58	39.82	35.92	0.71	257.90	...
August .....	...	85.3	87.2	74.76	39.81	35.39	0.40	258.30	55
September	82	...	...	77.65	40.82	35.86	3.45	261.74	51
October .....	...	...	...	76.52	39.63	35.55	0.98	262.72	50
November .....	...	84.4	86.3	75.90	39.06	34.30	2.15	264.87	47
December	81	...	...	77.20	39.49	34.15	3.01	267.88	49
1980									
January .....	...	...	...	81.47	40.69	36.16	3.52	271.40	48
February .....	...	83.4	85.5	81.02	40.05	36.09	1.86	273.26	42
March	80	...	...	77.55	38.35	33.62	1.62	274.88	45
April .....	...	...	...	72.42	35.69	30.41	0.21	275.10	40
May .....	...	77.9	78.7	67.33	33.07	28.99	-2.12	272.98	32
June	76	...	...	66.45	32.32	29.03	-2.60	270.38	28
July .....	...	...	...	74.23	35.77	31.67	1.68	272.06	32
August .....	...	75.7	74.9	72.23	34.58	31.62	0.17	272.23	34
September	76	...	...	78.96	37.58	33.09	2.39	274.62	39
October .....	...	...	...	80.69	37.96	34.93	1.19	275.81	44
November .....	...	79.2	80.0	81.05	37.94	33.97	1.31	277.12	45
December	78	...	...	82.65	38.37	33.98	2.62	279.75	47
1981									
January .....	...	...	...	81.34	r37.66	r32.58	1.08	280.82	46
February .....	...	79.9	r81.7	82.21	38.01	34.38	1.13	281.95	50
March	p78	...	...	84.21	38.75	34.07	2.16	284.11	52
April .....	...	...	...	H 84.29	r38.44	r34.16	r1.69	r285.80	56
May .....	...	...	...	p83.94	p37.96	p33.14	p0.72	H p286.52	52
June .....	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 12, 20, and 21.



CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B3 CONSUMPTION, TRADE, ORDERS, AND DELIVERIES—Continued						B4 FIXED CAPITAL INVESTMENT	
Minor Economic Process	Consumption and Trade						Formation of Business Enterprises	
Timing Class	C, C, C	C, C, C	C, L, C	C, L, U	U, L, U	L, C, C	L, L, L	L, L, L

Year and month	Manufacturing and trade sales		75. Index of industrial production, consumer goods (1967=100)	Sales of retail stores		55. Personal consumption expenditures, automobiles (Ann. rate, bil. dol.)	58. Index of consumer sentiment ¹ (1st Q 1966=100)	12. Index of net business formation ¹ (1967=100)	13. Number of new business incorporations (Number)
	56. Current dollars	57. Constant (1972) dollars		54. Current dollars	59. Constant (1972) dollars				
	(Mil. dol.)	(Mil. dol.)		(Mil. dol.)	(Mil. dol.)				
1979									
January	274,091	160,037	151.3	71,402	45,421	...	72.1	131.3	42,410
February	274,844	158,967	151.8	71,702	45,152	69.2	73.9	132.1	42,302
March	283,741	H 162,650	H 153.4	72,590	45,312	...	68.4	132.5	42,761
April	276,406	157,009	149.3	72,610	44,960	...	66.0	130.9	43,034
May	286,413	160,851	152.2	73,198	44,990	62.9	68.1	130.5	43,895
June	283,772	158,198	152.1	73,496	44,787	...	65.8	130.9	43,044
July	289,994	159,890	151.2	74,211	44,922	...	60.4	131.8	44,655
August	293,167	160,066	148.7	75,623	45,501	65.0	64.5	130.3	42,911
September	296,761	160,125	150.0	76,815	H 45,778	...	66.7	132.5	44,687
October	298,452	159,305	150.0	76,428	45,144	...	62.1	131.9	46,478
November	298,949	157,932	149.1	76,946	45,077	64.2	63.3	131.4	44,811
December	302,117	158,464	148.6	77,475	45,017	...	61.0	133.9	43,579
1980									
January	312,458	161,386	147.9	79,561	45,751	...	67.0	131.0	44,447
February	315,394	158,817	148.4	78,899	44,931	71.6	66.9	129.8	44,583
March	310,300	154,642	148.6	77,603	43,524	...	56.5	125.8	42,615
April	294,998	149,415	145.3	76,404	42,660	...	52.7	120.5	42,461
May	292,478	147,355	142.4	75,975	42,279	50.7	51.7	117.8	41,974
June	294,203	147,687	142.1	77,843	43,007	...	58.7	114.8	39,746
July	304,154	150,468	142.0	79,491	43,700	...	62.3	115.3	44,058
August	308,019	149,586	142.7	79,829	43,433	58.7	67.3	117.7	43,266
September	318,321	153,574	144.3	80,620	43,251	...	73.7	120.6	46,488
October	325,838	155,507	146.6	81,552	43,518	...	75.0	119.6	47,225
November	328,983	155,676	148.0	82,764	43,907	66.1	76.7	119.2	46,888
December	339,357	156,123	147.7	83,443	43,917	...	64.5	121.3	H 48,297
1981									
January	345,578	157,415	147.2	85,463	44,768	...	71.4	118.1	r45,864
February	346,446	156,969	r146.9	86,810	45,166	H r75.6	66.9	p117.1	p47,662
March	H r346,581	r159,358	r148.2	H r87,608	r45,182	...	66.5	e117.6	(NA)
April	p346,147	p156,431	r149.3	r85,745	r44,108	...	72.4	(NA)	
May	(NA)	(NA)	p150.0	p85,890	p44,091	...	76.3		
June									
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 12, 14, 22, and 23.

¹Series 58 reached its high value (89.1) in 2d quarter 1977; series 12 reached its high value (134.8) in October 1978.

I
B
CYCLICAL INDICATORS
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B4 FIXED CAPITAL INVESTMENT—Continued						
Minor Economic Process	Business Investment Commitments						
Timing Class	L, L, L	L, L, L	L, L, L	L, L, L	L, C, U	U, Lg, U	C, Lg, Lg

Year and month	Contracts and orders for plant and equipment		Value of manufacturers' new orders, capital goods industries, nondefense		9. Construction contracts for commercial and industrial buildings ¹		11. Newly approved capital appropriations, 1,000 manufacturing corporations	97. Backlog of capital appropriations, 1,000 manufacturing corporations
	10. Current dollars (Bil. dol.)	20. Constant (1972) dollars (Bil. dol.)	24. Current dollars (Bil. dol.)	27. Constant (1972) dollars (Bil. dol.)	Square feet of floor space (Millions)	Square meters of floor space ² (Millions)	(Bil. dol.)	(Bil. dol.)
1979								
January	26.16	15.40	21.23	12.72	85.78	7.97	...	...
February	25.48	15.17	22.48	13.56	H104.38	H9.70	21.61	...
March	H28.10	H16.99	23.60	H14.60	94.15	8.75	...	67.63
April	25.36	14.76	20.60	12.24	96.06	8.92	...	...
May	22.67	13.14	21.13	12.34	89.32	8.30	21.20	...
June	24.66	14.32	21.70	12.78	86.61	8.05	...	69.95
July	25.82	14.55	21.23	12.20	92.79	8.62	...	...
August	23.83	13.38	21.08	12.00	84.75	7.87	22.69	...
September	24.52	13.69	21.21	12.21	91.05	8.46	...	73.45
October	24.14	13.52	21.07	12.01	95.23	8.85	...	...
November	27.42	15.49	21.75	12.73	81.97	7.62	23.28	...
December	27.50	15.34	22.28	12.81	84.18	7.82	...	76.66
1980								
January	27.30	14.98	23.86	13.34	94.57	8.79	...	...
February	23.71	13.07	21.48	12.02	84.27	7.83	29.50	...
March	26.13	14.01	22.59	12.35	80.55	7.48	...	84.09
April	24.14	12.95	22.16	12.02	73.39	6.82	...	...
May	r21.19	r11.53	19.59	10.79	67.09	6.23	25.86	...
June	22.92	12.60	19.95	11.26	71.39	6.63	...	87.94
July	24.86	13.71	21.61	12.24	71.40	6.63	...	...
August	23.96	12.58	19.37	10.50	68.63	6.38	24.29	...
September	23.87	12.89	20.86	11.53	68.47	6.36	...	89.72
October	23.82	12.37	20.62	10.92	72.12	6.70	...	...
November	27.47	14.48	21.85	11.95	86.15	8.00	25.81	...
December	26.60	13.88	21.67	11.67	97.45	9.05	...	91.87
1981								
January	27.39	14.17	H24.51	12.89	78.70	7.31	...	...
February	23.74	12.34	20.59	10.95	84.41	7.84	H29.88	...
March	28.04	14.24	23.79	12.37	90.00	8.36	...	H96.48
April	r26.48	r13.28	r23.37	r11.92	77.53	7.20	...	...
May	p26.07	p13.13	p23.25	p11.89	82.86	7.70	...	...
June								
July								
August								
September								
October								
November								
December								

See note on page 60.

Graphs of these series are shown on pages 12, 23, and 24.

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²Converted to metric units by the Bureau of Economic Analysis.

I B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS		84 FIXED CAPITAL INVESTMENT—Continued							
Mino. Economic Process		Business Investment Expenditures					Residential Construction Commitments and Investment		
Timing Class		C, Lg, Lg	C, Lg, Lg	C, Lg, U	C, Lg, C	Lg, Lg, Lg	C, Lg, C	L, L, L	L, L, L
Year and month	61. Business expenditures for new plant and equipment, total	69. Machinery and equipment sales and business construction expenditures	76. Index of industrial production, business equipment	Nonresidential fixed investment in 1972 dollars			28. New private housing units started, total ¹	29. Index of new private housing units authorized by local building permits ¹	89. Residential fixed investment, total, in 1972 dollars ¹
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(1967=100)	86. Total (Ann. rate, bil. dol.)	87. Structures (Ann. rate, bil. dol.)	88. Producers' durable equipment (Ann. rate, bil. dol.)	(Ann. rate, thous.)	(1967=100)	(Ann. rate, bil. dol.)
1979									
January .....	...	256.93	168.2	...	...	...	1,672	118.0	...
February	255.55	256.86	169.3	161.4	45.8	115.6	1,444	120.5	60.8
March .....	...	268.78	171.0	...	...	...	1,817	138.9	...
April .....	...	261.20	168.7	...	...	...	1,760	129.0	...
May	265.24	268.02	171.2	161.3	48.0	113.2	1,867	136.0	59.1
June .....	...	265.92	171.2	...	...	...	1,891	132.5	...
July .....	...	274.41	171.3	...	...	...	1,758	123.9	...
August	273.15	278.61	171.6	H166.4	49.4	H117.0	1,777	128.5	58.6
September .....	...	280.10	173.4	...	...	...	1,844	132.3	...
October .....	...	285.29	172.3	...	...	...	1,697	119.6	...
November	284.30	279.46	172.6	164.1	H50.7	113.5	1,502	103.1	58.1
December .....	...	287.54	174.1	...	...	...	1,563	101.3	...
1980									
January .....	...	297.92	174.9	...	...	...	1,389	105.2	...
February	291.89	303.20	176.0	165.0	50.5	114.5	1,273	96.6	54.2
March .....	...	300.05	176.1	...	...	...	1,040	80.6	...
April .....	...	291.99	174.2	...	...	...	1,044	66.6	...
May	294.36	293.49	171.9	156.1	48.7	107.4	938	69.8	43.1
June .....	...	292.17	169.8	...	...	...	1,184	88.4	...
July .....	...	293.85	170.1	...	...	...	1,277	99.5	...
August	296.23	285.47	170.3	155.5	46.8	108.8	1,411	109.5	44.7
September .....	...	303.11	170.5	...	...	...	1,482	122.6	...
October .....	...	303.52	172.3	...	...	...	1,519	109.1	...
November	299.58	304.58	174.5	157.0	47.8	109.3	1,550	110.3	50.6
December .....	...	306.74	177.8	...	...	...	1,535	100.9	...
1981									
January .....	...	318.05	178.9	...	...	...	1,660	98.1	...
February	H312.24	311.55	r178.3	162.0	r49.6	r112.4	1,215	94.1	r51.0
March .....	...	Hr323.48	r180.5	...	...	...	r1,297	93.1	...
April .....	...	p320.10	r182.2	...	...	...	r1,340	r95.8	...
May	ra311.87	(NA)	Hp183.3	...	...	...	p1,152	94.3	...
June .....	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...
August	a322.88	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November	a333.09	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 13, 24, and 25.

¹The following series reached their high values before 1979: Series 28 (2,197) in April 1978, series 29 (160.2) in June 1978, and series 89 (63.3) in 2d quarter 1978.

CYCLICAL INDICATORS
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS		B5 INVENTORIES AND INVENTORY INVESTMENT								
Minor Economic Process		Inventory Investment				Inventories on Hand and on Order				
Timing Class		L, L, L	L, L, L	L, L, L	L, L, L	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg	L, Lg, Lg
Year and month	30. Change in business inventories in 1972 dollars	36. Change in inventories on hand and on order, 1972 dollars		31. Change in book value of mfg. and trade inventories, total	38. Change in stocks of materials and supplies on hand and on order, mfg.	Manufacturing and trade inventories		65. Manufacturers' inventories of finished goods, book value	77. Ratio, constant-dollar inventories to sales, mfg. and trade	78. Stocks of materials and supplies on hand and on order, mfg.
	(Ann. rate, bil. dol.)	Monthly data ¹	Smoothed data ^{1,2}	(Ann. rate, bil. dol.)	(Bil. dol.)	71. Current dollars	70. Constant (1972) dollars	(Bil. dol.)	(Ratio)	(Bil. dol.)
1979										
January .....	...	32.51	20.32	56.8	H 5.09	385.38	259.85	64.70	1.62	173.60
February	15.4	18.43	23.34	47.2	3.70	389.31	260.51	65.51	1.64	177.30
March .....	...	16.04	22.92	39.8	2.98	392.63	261.52	65.88	1.61	180.29
April .....	...	25.91	21.23	68.1	4.33	398.31	262.97	67.08	1.67	184.62
May	H 18.4	-3.61	16.45	43.7	0.52	401.94	263.77	67.22	1.64	185.14
June .....	...	17.57	13.04	57.3	2.59	406.72	265.08	68.08	1.68	187.73
July .....	...	16.84	11.78	H 82.3	1.24	413.58	267.21	68.62	1.67	188.97
August	7.6	0.37	10.93	42.6	2.21	417.13	H 267.56	68.95	1.67	191.18
September .....	...	-15.23	6.13	16.0	1.74	418.46	266.29	69.87	1.66	192.93
October .....	...	-1.00	-2.31	51.0	2.24	422.71	267.02	69.75	1.68	195.16
November	-0.7	-13.30	-7.57	38.9	2.52	425.95	266.63	69.94	1.69	197.69
December .....	...	-18.31	-10.36	10.1	1.51	426.80	265.44	70.53	1.68	199.20
1980										
January .....	...	-17.33	-13.59	55.5	2.48	431.42	264.77	71.78	1.64	201.67
February	-0.9	-15.35	-16.66	44.8	2.54	439.70	264.14	72.76	1.66	204.22
March .....	...	4.90	-13.13	47.5	1.21	442.96	264.60	73.94	1.71	205.43
April .....	...	-4.54	-7.13	72.7	-0.36	445.17	266.02	75.76	1.78	205.07
May	1.3	-27.35	-7.00	7.6	-2.85	445.80	265.24	76.21	H 1.80	202.22
June .....	...	-24.61	-13.92	14.8	-2.32	447.03	264.73	76.61	1.79	199.90
July .....	...	-3.30	-18.63	29.7	1.37	449.51	264.79	77.00	1.76	201.27
August	-5.0	-6.23	-14.90	29.3	-1.50	451.95	264.39	77.19	1.77	199.76
September .....	...	-1.56	-7.54	31.4	0.87	454.57	264.24	76.76	1.72	200.63
October .....	...	7.45	-1.90	23.6	1.44	456.53	264.33	76.43	1.70	202.07
November	-7.2	-3.96	0.26	17.4	0.85	457.99	264.10	76.81	1.70	202.92
December .....	...	-12.14	-1.12	-14.6	1.35	461.72	262.97	75.58	1.68	204.27
1981										
January .....	...	r-13.97	r-6.45	40.7	0.11	465.11	r262.81	75.38	1.67	204.38
February	r-1.4	r-6.59	r-8.26	68.4	0.89	470.80	r262.86	76.62	r1.67	205.26
March .....	...	r-1.39	r-4.72	r19.1	0.14	r472.39	r262.64	78.57	1.65	205.41
April .....	...	p1.88	p-0.28	p30.5	p1.38	H p474.93	p263.03	H p78.71	p1.68	H p206.79
May .....	...	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
June .....	...	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 13, 15, 26, and 27.

¹Series 36 (monthly) reached its high value (37.30) in March 1978; series 36 (smoothed) reached its high value (26.38) in May 1978.

²Series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.

I
B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B6 PRICES, COSTS, AND PROFITS							
Minor Economic Process	Sensitive Commodity Prices		Stock Prices	Profits and Profit Margins				
Timing Class	L, L, L	U, L, L	L, L, L	L, L, L	L, L, L	L, C, L	L, C, L	L, L, L

Year and month	92. Change in sensitive crude materials prices		23. Index of spot market prices, raw industrials ⁽¹⁾	19. Index of stock prices, 500 common stocks ⁽¹⁾	Corporate profits after taxes		Corporate profits after taxes with IVA and CCAdj ¹		22. Ratio, profits (after taxes) to total corporate domestic income
	Monthly data	Smoothed data ²			16. Current dollars	18. Constant (1972) dollars	79. Current dollars	80. Constant (1972) dollars ³	
	(Percent)	(Percent)	(1967=100)	(1941-43=10)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Percent)
1977									
January	0.62	1.11	258.3	99.71	...	...	H113.4	70.1	H11.9
February	3.07	1.23	273.5	98.23	164.6	101.0	...	...	...
March	2.98	1.87	288.5	100.11	...	...	...	...	...
April	0.88	2.27	294.5	102.07	...	...	...	...	...
May	2.67	2.24	293.8	99.73	164.6	98.9	110.2	66.9	11.5
June	3.25	2.22	293.9	101.73	...	...	...	...	...
July	1.18	2.32	297.3	102.71	...	...	...	...	...
August	0.38	1.98	298.1	107.36	173.6	101.8	111.1	65.7	11.4
September	3.39	1.63	297.3	108.60	...	...	...	...	...
October	2.79	1.92	307.7	104.47	...	...	...	...	...
November	1.98	2.45	304.0	103.66	168.2	96.7	102.2	59.4	11.1
December	2.11	2.51	309.6	107.78	...	...	...	...	...
1978									
January	2.99	2.33	316.2	110.87	...	...	...	...	...
February	2.43	2.44	H322.5	115.34	H182.9	H102.6	106.0	60.1	11.5
March	-1.22	1.96	316.9	104.69	...	...	...	...	...
April	0.26	0.94	301.9	102.97	...	...	...	...	...
May	-0.09	0.07	278.5	107.69	146.5	80.3	97.8	54.1	9.4
June	0.02	-0.14	267.5	114.55	...	...	...	...	...
July	2.26	0.40	277.6	119.83	...	...	...	...	...
August	2.35	1.14	292.1	123.50	159.1	85.5	99.4	54.0	10.0
September	1.98	1.87	298.3	126.51	...	...	...	...	...
October	2.60	2.25	300.8	130.22	...	...	...	...	...
November	2.45	2.33	304.7	H135.65	164.3	86.6	98.1	52.2	10.3
December	1.56	2.27	298.4	133.48	...	...	...	...	...
1979									
January	r2.49	r2.18	291.6	132.97	...	...	...	...	...
February	Hr7.06	r2.94	284.2	128.40	r168.0	r87.2	r111.9	r58.4	r10.2
March	-0.50	Hr3.36	289.8	133.19	...	...	...	...	...
April	1.40	r2.84	293.0	134.43	...	...	...	...	...
May	1.85	1.78	288.9	131.73	...	...	...	...	...
June .....	...	...	...	*132.25	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 13, 28, and 29.

¹IVA, inventory valuation adjustment; CCAdj, capital consumption adjustment. ²Series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span. ³Series 80 reached its high value (71.0) in 3d quarter 1977. ⁴Average for June 3, 10, 17, and 24.

CYCLICAL INDICATORS
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B6 PRICES, COSTS, AND PROFITS—Continued							
Minor Economic Process	Profits and Profit Margins—Continued			Cash Flows		Unit Labor Costs and Labor Share		
Timing Class	U, L, L	L, L, L	L, L, L	L, L, L	L, L, L	Lg, Lg, Lg	Lg, Lg, Lg	Lg, Lg, Lg

Year and month	81. Ratio, profits (after taxes) with IVA and CCAAdj to corp. domestic income ^{1,2} (Percent)	15. Profits (after taxes) per dollar of sales, all manufacturing corporations (Cents)	26. Ratio, price to unit labor cost, nonfarm business sector ² (1977=100)	Net cash flow, corporate		63. Index of unit labor cost, private business sector (1977=100)	68. Labor cost per unit of real gross domestic product, non-financial corporations (Dollars)	62. Index of labor cost per unit of output, manufacturing (1967=100)	64. Compensation of employees as a percent of national income (Percent)
				34. Current dollars (Ann. rate, bil. dol.)	35. Constant (1972) dollars (Ann. rate, bil. dol.)				
1979									
January .....	...	...	...	...	...	...	...	170.2	...
February	7.5	H 5.9	97.6	247.4	147.9	115.4	1.052	171.6	74.1
March .....	...	...	...	...	...	...	...	171.7	...
April .....	...	...	...	...	...	...	...	176.4	...
May	6.9	5.6	97.0	252.0	147.4	118.5	1.079	173.9	74.5
June .....	...	...	...	...	...	...	...	174.6	...
July .....	...	...	...	...	...	...	...	175.7	...
August	6.3	5.8	96.6	266.1	152.5	121.4	1.104	177.3	74.3
September .....	...	...	...	...	...	...	...	177.7	...
October .....	...	...	...	...	...	...	...	178.9	...
November	5.7	5.4	96.2	262.9	148.6	124.2	1.135	180.0	74.7
December .....	...	...	...	...	...	...	...	181.7	...
1980									
January .....	...	...	...	...	...	...	...	182.9	...
February	5.5	5.6	96.5	H 280.7	H 155.2	127.0	1.158	184.9	74.6
March .....	...	...	...	...	...	...	...	186.8	...
April .....	...	...	...	...	...	...	...	190.5	...
May	5.5	4.4	95.8	246.1	132.2	131.3	1.193	194.8	H 75.8
June .....	...	...	...	...	...	...	...	198.6	...
July .....	...	...	...	...	...	...	...	200.6	...
August	5.4	4.6	96.5	262.9	138.6	133.9	1.203	201.4	75.3
September .....	...	...	...	...	...	...	...	200.6	...
October .....	...	...	...	...	...	...	...	199.9	...
November	5.3	4.9	96.4	272.0	141.1	137.0	1.230	200.0	75.4
December .....	...	...	...	...	...	...	...	200.3	...
1981									
January .....	...	...	...	...	...	...	...	202.8	...
February	r6.2	5.0	p96.6	r279.0	r142.9	H p139.5	H r1.244	r204.4	75.2
March .....	...	...	...	...	...	...	...	r204.6	...
April .....	...	...	...	...	...	...	...	r205.9	...
May .....	...	...	...	...	...	...	...	H p206.9	...
June .....	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 15, 29, and 30.

¹IVA, inventory valuation adjustment; CCAAdj, capital consumption adjustment.

²Series 81 reached its high value (8.8) in 3d quarter 1977; series 26 reached its high value (100.7) in 3d quarter 1975.

I B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS		87 MONEY AND CREDIT							
Minor Economic Process	Money					Velocity of Money		Credit Flows	
Timing Class	L, L, L	L, C, U	L, L, L	L, L, L	L, L, L	C, C, C	C, Lg, C	L, L, L	
Year and month	85. Change in money supply (M1-B) (Percent)	102. Change in money supply (M2) ¹ (Percent)	104. Change in total liquid assets Monthly data (Percent)Smoothed data ² (Percent)		105. Money supply (M1-B) in 1972 dollars ¹ (Bil. dol.)	106. Money supply (M2) in 1972 dollars ¹ (Bil. dol.)	107. Ratio, gross national product to money supply (M1-B) (Ratio)	108. Ratio, personal income to money supply (M2) (Ratio)	33. Net change in mortgage debt held by financial institutions and life insurance companies (Ann. rate, bil. dol.) Revised ³
1979									
January	0.06	0.41	0.60	1.02	219.7	858.1	...	1.312	100.76
February	0.19	0.46	0.81	0.92	217.9	853.3	6.469	1.318	82.08
March	0.89	0.91	1.18	0.85	217.8	853.2	...	1.321	88.07
April	1.57	1.02	1.14	0.95	219.1	853.8	...	1.313	74.04
May	-0.14	0.58	1.06	1.09	216.6	850.0	6.397	1.313	91.75
June	1.30	1.13	1.43	H 1.17	217.2	850.8	...	1.312	94.55
July	0.94	0.85	0.74	1.14	216.7	848.3	...	1.322	87.29
August	0.66	0.91	0.89	1.05	215.9	847.0	6.430	1.324	85.08
September	0.60	0.74	H 1.43	1.02	214.6	843.4	...	1.323	87.31
October	0.16	0.49	0.44	0.97	212.7	838.5	...	1.332	H 103.60
November	0.37	0.44	0.27	0.82	211.1	833.0	6.487	1.340	77.03
December	0.62	0.59	0.69	0.59	210.0	828.1	...	1.345	51.55
1980									
January	0.36	0.57	0.66	0.51	207.9	821.7	...	1.353	97.37
February	1.06	1.02	1.13	0.67	207.4	819.6	6.579	1.345	67.45
March	-0.10	0.37	0.49	0.80	204.4	811.7	...	1.350	70.57
April	-1.40	-0.35	0.34	0.76	199.7	801.8	...	1.355	50.18
May	0.10	0.97	0.62	0.57	198.3	802.6	6.609	1.350	15.66
June	1.06	1.37	0.71	0.52	198.5	805.7	...	1.340	8.33
July	1.13	1.61	0.79	0.63	200.5	818.0	...	1.340	43.44
August	H 1.80	1.22	1.12	0.79	202.6	821.6	6.567	1.335	65.82
September	1.12	0.71	0.69	0.87	202.7	818.9	...	1.341	75.84
October	1.13	0.57	0.71	0.85	202.9	815.1	...	1.351	95.27
November	p0.75	p0.82	p1.28	p0.87	p202.2	p812.8	p6.620	p1.354	77.40
December	p-0.82	p0.10	p0.79	p0.91	p198.6	p805.7	...	p1.364	67.67
1981									
January	p1.14	p0.78	rp1.40	p1.04	p199.4	p806.1	H rp6.804	H p1.368	58.14
February	p0.72	p0.81	rp0.88	rp1.09	p199.0	p805.0	...	p1.367	62.82
March	p0.93	rp1.30	p0.36	p0.95	p199.6	rp810.5	...	rp1.363	43.74
April	p1.56	rp1.05	e0.82	re0.78	p201.8	rp815.7	...	p1.356	p52.61
May	p-0.42	p0.36	e0.71	e0.66	p199.7	p813.1	...	p1.359	(NA)
June	*-1.09								
July									
August									
September									
October									
November									
December									

See note on page 60.

Graphs of these series are shown on pages 13, 31, and 32.

¹The following series reached their high values before 1979: Series 102 (1.64) in June 1975, series 105 (224.3) in January 1978, and series 106 (868.6) in January 1978. ²Series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span. ³See "New Features and Changes for This Issue," page iii. *Average for weeks ended June 3 and 10.

I
B
CYCLICAL INDICATORS
CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS	B7 MONEY AND CREDIT—Continued							
Minor Economic Process	Credit Flows—Continued			Credit Difficulties		Bank Reserves		Interest Rates
Timing Class	L, L, L	L, L, L	L, L, L	L, L, L	L, L, L	L, U, U	L, Lg, U	L, Lg, Lg

Year and month	112. Net change in bank loans to businesses (Ann. rate, bil. dol.)	113. Net change in consumer installment credit ¹ (Ann. rate, bil. dol.)	110. Total private borrowing (Ann. rate, mil. dol.)	14. Current liabilities of business failures ¹ ^(U) (Mil. dol.)	39. Delinquency rate, 30 days and over, consumer installment loans (Percent)	93. Free reserves ^(U) (Mil. dol.)	94. Member bank borrowing from the Federal Reserve ^(U) (Mil. dol.)	119. Federal funds rate ^(U) (Percent)	114. Treasury bill rate ^(U) (Percent)
1979									
January	39.31	50.57	...	182.22	^H 2.12	-692	994	10.07	9.35
February	33.07	50.64	347,904	177.09	2.31	-764	973	10.06	9.27
March	5.76	40.20	...	187.76	2.33	-742	999	10.09	9.46
April	39.62	45.71	...	242.76	2.43	-899	897	10.01	9.49
May	31.99	37.99	355,864	200.45	2.37	-1,490	1,777	10.24	9.58
June	23.23	31.33	...	273.17	2.45	-1,175	1,396	10.29	9.05
July	40.55	33.79	...	212.20	2.45	-989	1,179	10.47	9.26
August	30.54	32.77	^H 414,400	287.44	2.47	-904	1,097	10.94	9.45
September	43.36	48.10	...	186.20	2.59	-1,339	1,344	11.43	10.18
October	3.72	36.40	...	395.75	2.45	-1,750	2,022	13.77	11.47
November	-21.10	32.33	309,748	184.31	2.50	-1,751	1,906	13.18	11.87
December	4.55	24.40	...	138.02	2.64	-1,079	1,473	13.78	12.07
1980									
January	^H 55.48	32.72	...	243.15	2.37	-999	1,241	13.82	12.04
February	35.83	28.84	r351,404	190.79	2.32	-1,465	1,655	14.13	12.81
March	-1.52	7.85	...	274.24	2.53	^H -2,638	^H 2,824	17.19	15.53
April	2.47	-20.05	...	428.15	2.53	-2,261	2,455	17.61	14.00
May	-38.96	-32.12	r170,880	381.15	2.64	-835	1,018	10.98	9.15
June	2.14	-24.54	...	436.68	2.74	-169	380	9.47	7.00
July	13.06	-14.39	...	445.69	2.77	-111	395	9.03	8.13
August	30.23	5.87	r286,768	345.41	2.94	-357	659	9.61	9.26
September	29.86	12.66	...	1,002.94	2.70	-1,055	1,311	10.87	10.32
October	29.81	8.42	...	359.24	2.53	p-1,018	p1,335	12.81	11.58
November	35.66	10.07	r335,652	239.34	2.66	p-1,201	p2,156	15.85	13.89
December	41.15	19.43	...	288.30	2.57	p-1,587	p1,617	18.90	15.66
1981									
January	0.66	10.43	...	421.36	2.42	p-916	p1,405	^H 19.08	14.72
February	r-13.32	23.95	p332,512	(NA)	2.51	p-1,076	p1,278	15.93	14.90
March	r-23.04	37.30	...	...	2.53	p-624	p1,004	14.70	13.48
April	r30.68	27.97	...	...	(NA)	p-1,317	p1,343	15.72	13.63
May	p48.02	(NA)	...	...	...	p-2,023	p2,154	18.52	^H 16.30
June	^a 7.04	...	...	...	...	^a -1,793	^a 2,090	^a 19.01	^a 14.56
July .....	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...

See note on page 60.

Graphs of these series are shown on pages 32, 33, and 34.

¹Series 113 reached its high value (51.37) in June 1978; series 14 reached its high value (96.99) in September 1977.

²Average for weeks ended June 3 and 10.

³Average for weeks ended June 3, 10, 17, and 24.

⁴Average for weeks ended June 4, 11, 18, and 25.

I B

CYCLICAL INDICATORS

CYCLICAL INDICATORS BY ECONOMIC PROCESS—Continued

MAJOR ECONOMIC PROCESS		B7 MONEY AND CREDIT—Continued								
Minor Economic Process		Interest Rates—Continued						Outstanding Debt		
Timing Class	Lg. Lg. Lg	C. Lg. Lg	U. Lg. Lg	Lg. Lg. Lg	Lg. Lg. Lg	Lg. Lg. Lg	Lg. Lg. Lg	Lg. Lg. Lg	Lg. Lg. Lg	
Year and month	116. Corporate bond yields ⁽¹⁾	115. Treasury bond yields ⁽¹⁾	117. Municipal bond yields ⁽¹⁾	118. Secondary market yields on FHA mortgages ⁽¹⁾	67. Bank rates on short-term business loans ⁽¹⁾	109. Average prime rate charged by banks ⁽¹⁾	66. Consumer installment credit	72. Commercial and industrial loans outstanding, weekly reporting large commercial banks	95. Ratio, consumer installment credit to personal income	
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Mil. dol.)	(Mil. dol.)	(Percent)	
1979										
January	9.47	8.43	6.47	10.24	...	11.75	269,107	134,984	14.58	
February	9.52	8.43	6.31	10.24	12.27	11.75	273,327	137,740	14.67	
March	9.65	8.45	6.33	10.26	...	11.75	276,677	138,220	14.68	
April	9.69	8.44	6.29	(NA)	...	11.75	280,486	141,522	14.83	
May	9.82	8.55	6.25	10.61	12.34	11.75	283,652	144,188	^(H) 14.90	
June	9.51	8.32	6.13	10.49	...	11.65	286,263	146,124	14.88	
July	9.47	8.35	6.13	10.46	...	11.54	289,079	149,503	14.79	
August	9.57	8.42	6.20	10.58	12.31	11.91	291,810	152,048	14.78	
September	9.87	8.68	6.52	11.37	...	12.90	295,818	155,661	14.88	
October	11.17	9.44	7.08	(NA)	...	14.39	298,851	155,971	14.86	
November	11.52	9.80	7.30	12.41	15.81	15.55	301,545	154,213	14.83	
December	11.30	9.58	7.22	12.24	...	15.30	303,578	154,592	14.80	
1980										
January	11.65	10.03	7.35	12.60	...	15.25	306,305	159,215	14.75	
February	13.23	11.55	8.16	(NA)	15.67	15.63	308,708	162,201	14.80	
March	14.08	11.87	9.17	14.63	...	18.31	309,362	162,074	14.72	
April	13.36	10.83	8.63	13.45	...	19.77	307,691	162,280	14.64	
May	11.61	9.82	7.59	11.99	17.75	16.57	305,014	159,033	14.43	
June	11.12	9.40	7.63	11.85	...	12.63	302,969	159,211	14.24	
July	11.48	9.83	8.13	12.39	...	11.48	301,770	160,299	13.96	
August	12.31	10.53	8.67	13.54	11.56	11.12	302,259	162,818	13.87	
September	12.74	10.94	8.94	14.26	...	12.23	303,314	165,306	13.75	
October	13.17	11.20	9.11	14.38	...	13.79	304,016	167,790	13.61	
November	14.10	11.83	9.56	14.47	15.71	16.06	304,855	170,762	13.50	
December	14.38	11.89	10.20	14.08	...	^(H) 20.35	306,474	174,191	13.46	
1981										
January	14.01	11.65	9.68	14.23	...	20.16	307,343	174,246	13.36	
February	14.60	12.23	10.10	14.79	19.91	19.43	309,339	r173,136	r13.34	
March	14.49	12.15	10.16	15.04	...	18.05	312,447	r171,216	r13.35	
April	15.00	12.62	10.62	15.91	...	17.15	^(H) 314,778	r173,773	p13.37	
May	^(H) 15.68	^(H) 12.96	^(H) 10.78	^(H) 16.33	^(H) 19.99	19.61	(NA)	^(H) p177,775	(NA)	
June	^(H) 14.93	^(H) 12.32	^(H) 10.65	...	...	^(H) 20.06	...	^(H) 178,362	...
July										
August										
September										
October										
November										
December										

See note on page 60.

Graphs of these series are shown on pages 15, 34, and 35.

⁽¹⁾Average for weeks ended June 5, 12, and 19.

⁽²⁾Average for weeks ended June 4, 11, and 18.

⁽³⁾Average for June 1 through 25.

⁽⁴⁾Average for weeks ended June 3 and 10.

CYCLICAL INDICATORS
DIFFUSION INDEXES AND RATES OF CHANGE

Year and month	C1 DIFFUSION INDEXES											
	950. Twelve leading indicator components (series 1, 3, 8, 12, 19, 20, 29, 32, 36, 92, 104, 106)		951. Four roughly coincident indicator components (series 41, 47, 51, 57)		952. Six lagging indicator components (series 62, 70, 72, 91, 95, 109)		951. Average workweek of production workers, manufacturing (20 industries)		962. Initial claims for State unemployment insurance, week including the 12th ¹ (51 areas)		963. Number of employees on private nonagricultural payrolls (172 industries)	
	1-month span	6-month span	1-month span	6-month span	1-month span	6-month span	1-month span	9-month span	1-month span	9-month span	1-month span	6-month span
1979												
January	58.3	33.3	25.0	75.0	83.3	100.0	52.5	15.0	11.8	46.1	66.9	74.7
February	41.7	41.7	75.0	87.5	75.0	100.0	37.5	10.0	72.5	27.5	66.3	71.8
March	66.7	41.7	100.0	50.0	75.0	100.0	67.5	15.0	68.6	25.5	62.2	64.0
April	25.0	41.7	12.5	75.0	91.7	83.3	0.0	17.5	7.8	56.9	49.7	60.5
May	45.8	33.3	75.0	50.0	75.0	100.0	92.5	30.0	66.7	49.0	58.1	53.8
June	41.7	29.2	75.0	25.0	83.3	100.0	32.5	17.5	66.7	31.4	57.8	51.5
July	45.8	37.5	100.0	100.0	66.7	100.0	75.0	32.5	37.3	21.6	57.0	58.1
August	29.2	33.3	50.0	50.0	83.3	83.3	45.0	25.0	54.9	23.5	54.4	55.5
September	54.2	45.8	50.0	75.0	75.0	75.0	72.5	90.0	86.3	47.1	52.9	55.2
October	16.7	41.7	62.5	75.0	83.3	50.0	37.5	45.0	8.8	35.3	65.1	59.3
November	20.8	45.8	50.0	75.0	41.7	66.7	57.5	32.5	53.9	33.3	55.2	63.1
December	41.7	16.7	100.0	25.0	50.0	50.0	65.0	27.5	68.6	5.9	53.5	56.4
1980												
January	41.7	0.0	100.0	25.0	41.7	50.0	75.0	17.5	23.5	2.0	60.2	45.3
February	29.2	16.7	25.0	0.0	66.7	58.3	10.0	2.5	60.8	2.0	54.9	36.9
March	33.3	8.3	0.0	0.0	50.0	33.3	0.0	5.0	46.1	9.8	45.9	32.3
April	12.5	16.7	0.0	0.0	66.7	41.7	55.0	12.5	3.9	19.6	34.6	24.7
May	33.3	41.7	0.0	0.0	33.3	50.0	17.5	5.0	33.3	3.9	28.8	26.7
June	50.0	45.8	25.0	0.0	33.3	33.3	17.5	10.0	70.6	7.8	30.2	25.6
July	83.3	75.0	25.0	50.0	41.7	33.3	32.5	35.0	62.7	58.8	36.3	32.3
August	75.0	100.0	75.0	100.0	33.3	33.3	87.5	70.0	84.3	21.6	62.8	46.8
September	91.7	95.8	100.0	100.0	33.3	50.0	65.0	85.0	13.7	96.1	62.8	68.6
October	58.3	83.3	100.0	100.0	50.0	50.0	70.0	92.5	76.5	96.1	64.0	78.8
November	75.0	66.7	100.0	100.0	50.0	50.0	72.5	90.0	96.1	p90.2	66.9	76.7
December	50.0	75.0	100.0	100.0	66.7	50.0	75.0	95.0	5.9	(NA)	64.0	r74.4
1981												
January	33.3	*72.7	100.0	100.0	33.3	50.0	92.5	p97.5	86.3		64.5	r71.8
February	33.3	*30.0	50.0	*100.0	r33.3	*100.0	7.5		39.2		56.7	p66.3
March	70.8		100.0		50.0		r50.0		p31.4		r54.9	
April	*72.7		50.0		83.3		r57.5		(NA)		r57.0	
May	*10.0		*83.3		*100.0		p62.5				p50.3	
June												
July												
August												
September												
October												
November												
December												

NOTE: Figures are the percent of series components rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans: 1-month indexes are placed on the 2d month, 6-month indexes on the 4th month, and 9-month indexes on the 6th month of the span; 1-quarter indexes are placed on the 1st month of the 2d quarter and 4-quarter indexes on the 2d month of the 3d quarter. Series are seasonally adjusted except for those, indicated by (U), that appear to contain no seasonal movement. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are listed at the back of this issue. The "r" indicates revised; "p", preliminary; "e", estimated; "a", anticipated; and "NA", not available.

Graphs of these series are shown on page 36.

*Figures are the percent of components declining.

*Excludes series 12 for which data are not yet available.

*Excludes series 12 and 36 for which data are not yet available.

*Excludes series 57 for which data are not yet available.

*Excludes series 70 and 95 for which data are not yet available.



CYCLICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

Year and month	C1 DIFFUSION INDEXES—Continued										
	964. Value of manufacturers' new orders, durable goods industries (35 industries) ¹		965. Newly approved capital appropriations, deflated (17 manufacturing industries)		966. Index of industrial production (24 industries)		967. Index of spot market prices, raw industrials ² (13 industrial materials)		968. Index of stock prices, 500 common stocks ² ³		969. Net profits, manufacturing ² ⁴ (about 700 companies)
	1-month span	9-month span	1-quarter span	4-Q moving average	1-month span	6-month span	1-month span	9-month span	1-month span	9-month span	(4-quarter span)
1979											
January	62.9	82.9	48	...	62.5	62.5	61.5	96.2	94.8	18.2	...
February	45.7	80.0	...	...	54.2	66.7	76.9	96.2	35.5	32.7	71
March	62.9	61.4	...	48	70.8	50.0	76.9	88.5	85.5	57.4	...
April	25.7	65.7	45	...	16.7	56.2	69.2	80.8	80.0	90.7	...
May	62.9	62.9	...	...	62.5	54.2	42.3	84.6	16.4	88.9	74
June	51.4	60.0	...	48	56.2	45.8	53.8	⁴ 91.7	90.0	75.0	...
July	42.9	54.3	48	...	52.1	66.7	46.2	⁴ 66.7	64.8	63.0	...
August	57.1	45.7	...	...	39.6	50.0	30.8	⁴ 66.7	92.6	68.5	63
September	60.0	75.7	...	54	45.8	54.2	53.8	⁴ 58.3	53.7	68.5	...
October	51.4	62.9	53	...	64.6	58.3	⁴ 62.5	⁴ 66.7	3.7	69.8	...
November	45.7	62.9	...	...	52.1	58.3	61.5	⁴ 58.3	38.0	37.7	54
December	54.3	42.9	...	47	58.3	45.8	76.9	⁴ 58.3	95.4	39.6	...
1980											
January	72.9	22.9	71	...	75.0	16.7	50.0	⁴ 58.3	74.1	39.6	...
February	40.0	28.6	...	...	37.5	16.7	73.1	⁴ 50.0	52.8	47.2	56
March	31.4	34.3	...	45	35.4	12.5	61.5	53.8	3.8	77.4	...
April	17.1	44.3	15	...	12.5	16.7	11.5	50.0	26.4	90.6	...
May	34.3	54.3	...	...	16.7	12.5	15.4	46.2	92.5	94.3	56
June	42.9	40.0	...	43	16.7	12.5	0.0	46.2	89.6	86.8	...
July	71.4	51.4	39	...	29.2	39.6	53.8	46.2	92.5	84.9	...
August	54.3	67.1	...	...	62.5	75.0	76.9	42.3	88.7	96.2	60
September	82.9	85.7	...	p39	81.3	91.7	57.7	38.5	76.4	94.3	...
October	71.4	88.6	48	...	87.5	100.0	65.4	61.5	43.4	90.6	...
November	48.6	94.3	...	...	97.9	100.0	53.8	65.4	55.7	88.7	...
December	48.6	r81.8	...	...	66.7	r91.7	46.2	65.4	15.1	86.8	...
1981											
January	54.3	p87.9	p56	...	75.0	r83.3	30.8	38.5	66.0	79.2	...
February	51.4	...	...	...	r64.6	p70.8	30.8	...	42.5	...	...
March	50.0	...	...	...	r39.6	...	65.4	...	85.8	...	...
April	r48.5	...	...	...	r58.3	...	69.2	...	81.1	...	...
May	p48.5	...	...	...	p62.5	...	26.9	...	30.2	...	...
June .....	...	...	...	...	...	...	...	...	...	...	...
July .....	...	...	...	...	...	...	...	...	...	...	...
August .....	...	...	...	...	...	...	...	...	...	...	...
September .....	...	...	...	...	...	...	...	...	...	...	...
October .....	...	...	...	...	...	...	...	...	...	...	...
November .....	...	...	...	...	...	...	...	...	...	...	...
December .....	...	...	...	...	...	...	...	...	...	...	...

See note on page 74.

Graphs of these series are shown on page 37.

¹Based on 35 industries through March 1981 and on 33 industries thereafter.

²Based on 58 industries for January 1979, on 55 industries through June 1979, on 54 industries through January 1980, and on 53 industries thereafter. Data for component industries are not shown in table C2 but are available from the source agency.

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⁴Based on 12 components (excluding rosin).



CYCLICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

Year and quarter	C1 DIFFUSION INDEXES—Continued								
	970. Business expenditures for new plant and equipment (18 industries)			971. New orders, manufacturing ¹ (U)		972. Net profits, manufacturing and trade ¹ (U)		973. Net sales, manufacturing and trade ¹ (U)	
	a. Actual expenditures	b. Later anticipations	c. Early anticipations	Actual	Anticipated	Actual	Anticipated	Actual	Anticipated
	(1-Q span)	(1-Q span)	(1-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)
1978									
First quarter	72.7	81.8	70.5	83	82	73	79	84	86
Second quarter	90.9	81.8	59.1	86	83	76	82	84	87
Third quarter	72.7	77.3	86.4	86	89	78	84	84	82
Fourth quarter	86.4	75.0	72.7	86	86	78	83	83	90
1979									
First quarter	86.4	52.3	63.6	85	80	78	78	87	85
Second quarter	68.2	63.6	50.0	81	84	74	82	84	88
Third quarter	68.2	63.6	68.2	73	80	70	80	82	84
Fourth quarter	88.6	47.7	77.3	78	72	72	70	82	78
1980									
First quarter	77.3	54.5	81.8	74	66	62	65	73	72
Second quarter	59.1	45.5	59.1	63	75	54	73	62	80
Third quarter	50.0	36.4	81.8	60	57	57	59	68	63
Fourth quarter	54.5	40.9	77.3	60	62	56	61	66	67
1981									
First quarter	72.7	72.7	70.5	68	74	60	70	70	78
Second quarter		40.9	68.2		74		69		76
Third quarter			77.3		76		74		80
Fourth quarter									

Year and quarter	C1 DIFFUSION INDEXES—Continued									
	974. Number of employees, manufacturing and trade ¹ (U)		975. Level of inventories, manufacturing and trade ¹ (U)		976. Selling prices, manufacturing ¹ (U)		977. Selling prices, wholesale trade ¹ (U)		978. Selling prices, retail trade ¹ (U)	
	Actual	Anticipated	Actual	Anticipated	Actual	Anticipated	Actual	Anticipated	Actual	Anticipated
	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)	(4-Q span)
1978										
First quarter	62	59	76	67	87	82	85	84	91	90
Second quarter	64	60	76	70	88	84	92	90	94	88
Third quarter	64	62	76	73	90	87	93	87	94	92
Fourth quarter	63	62	78	74	91	87	94	90	93	92
1979										
First quarter	62	60	80	70	92	86	86	88	94	90
Second quarter	60	60	76	74	93	88	95	90	95	92
Third quarter	60	58	73	71	92	88	95	92	94	92
Fourth quarter	58	56	75	68	94	86	96	90	96	90
1980										
First quarter	58	54	67	62	90	87	92	90	92	80
Second quarter	54	56	61	70	88	90	90	92	91	93
Third quarter	53	48	64	53	90	83	92	87	94	84
Fourth quarter	51	50	60	56	90	86	90	88	90	90
1981										
First quarter	51	56	62	63	88	88	90	90	94	90
Second quarter		54		61		90		89		90
Third quarter		56		66		89		88		92
Fourth quarter										

NOTE: Figures are the percent of series components rising. (Half of the unchanged components are counted as rising.) Data are placed at the end of the span. Series are seasonally adjusted except for those indicated by (U), that appear to contain no seasonal movement. The "r" indicates revised; "p", preliminary; and "NA", not available. Graphs of these series are shown on page 38.

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CYCLICAL INDICATORS

DIFFUSION INDEXES AND RATES OF CHANGE—Continued

Diffusion index components	02 SELECTED DIFFUSION INDEX COMPONENTS: Basic Data and Directions of Change								
	1980				1981				
	October	November	December	January	February	March	April ^r	May ^p	
961. AVERAGE WORKWEEK OF PRODUCTION WORKERS, MANUFACTURING ¹ (Average weekly hours)									
All manufacturing industries	+ 39.7	+ 39.9	+ 40.1	+ 40.4	- 39.8	+ 40.0	+ 40.1	+ 40.2	
Percent rising of 20 components	(70)	(72)	(75)	(92)	(8)	(50)	(58)	(62)	
Durable goods industries:									
Lumber and wood products	- 38.7	+ 39.3	+ 39.4	+ 40.1	- 38.9	+ r39.4	- 39.2	+ 39.3	
Furniture and fixtures	■ 38.0	■ 38.0	+ 38.6	+ 38.9	- 38.8	■ 38.8	o 38.8	- 38.6	
Stone, clay, and glass products	■ 40.9	+ 41.1	+ 41.3	+ 41.6	- 40.6	+ 40.9	+ 41.1	■ 41.1	
Primary metal industries	+ 40.1	+ 40.9	+ 41.4	- 41.2	- 40.8	+ 41.1	+ 41.3	- 41.1	
Fabricated metal products	■ 40.4	+ 40.6	■ 40.6	+ 40.7	- 40.4	+ r40.7	+ 40.9	■ 40.9	
Machinery, except electrical	- 40.7	+ 41.0	■ 41.0	+ 41.3	- 40.8	+ 41.0	+ 41.3	+ 41.5	
Electric and electronic equipment	+ 39.9	+ 40.0	+ 40.2	+ 40.4	- 39.7	+ 40.2	- 40.1	+ 40.3	
Transportation equipment	+ 40.8	+ 41.4	- 41.3	+ 41.9	- 40.5	+ 41.1	+ 41.8	- 41.5	
Instruments and related products	+ 40.2	+ 40.5	■ 40.5	+ 41.0	- 40.6	- 40.4	- 40.2	o 40.2	
Miscellaneous manufacturing	- 38.7	- 38.6	+ 39.0	o 39.0	- 38.8	- 38.7	o 38.7	+ 39.2	
Nondurable goods industries:									
Food and kindred products	- 39.6	+ 39.8	o 39.8	+ 40.3	- 39.9	- 39.6	+ 40.0	- 39.8	
Tobacco manufacturers	+ 39.5	- 38.9	- 37.2	+ 39.7	- 39.4	- 37.2	o 37.2	+ 37.6	
Textile mill products	+ 39.9	+ 40.0	+ 40.3	+ 40.5	- 40.1	- 39.9	- 39.8	+ 40.3	
Apparel and other textile products	+ 35.3	- 35.0	+ 35.6	+ 36.0	- 35.7	■ 35.7	o 35.7	+ 36.1	
Paper and allied products	o 42.2	+ 42.6	+ 43.0	+ 43.1	- 42.8	- 42.7	■ 42.7	+ 42.8	
Printing and publishing	+ 37.1	- 36.8	+ 37.4	+ 37.7	- 37.2	- 37.0	+ 37.3	+ 37.4	
Chemicals and allied products	+ 41.4	+ 41.7	o 41.7	+ 41.8	■ 41.8	- r41.6	- 41.5	+ 41.9	
Petroleum and coal products	+ 43.1	+ 43.2	■ 43.2	+ 43.4	+ 43.5	- r42.9	+ 43.2	- 43.1	
Rubber and miscellaneous plastics products	+ 40.4	+ 40.8	+ 40.9	+ 41.3	- 40.1	+ 40.6	+ 40.8	+ 41.0	
Leather and leather products	+ 36.5	- 36.2	+ 36.6	+ 37.1	- 37.0	+ r37.3	- 36.8	- 36.6	
964. VALUE OF MANUFACTURERS' NEW ORDERS, DURABLE GOODS INDUSTRIES ^{1 2} (Millions of dollars)									
All durable goods industries	+ 80,693	+ 81,047	+ 82,654	- 81,336	+ 82,209	+ 84,213	+ 84,291	- 83,937	
Percent rising of 35 components	(71)	(49)	(49)	(54)	(51)	(50)	* (48)	* (48)	
Primary metals	+ 13,745	- 13,029	- 12,899	- 10,977	+ 12,412	- 12,070	+ 12,179	- 10,909	
Fabricated metal products	+ 10,121	- 9,884	+ 10,514	- 9,705	+ 10,124	+ 10,507	- 9,856	- 9,830	
Machinery, except electrical	- 14,806	+ 14,822	+ 15,100	+ 16,545	- 15,281	+ 15,636	+ 15,652	- 14,930	
Electrical machinery	+ 11,098	+ 11,459	- 10,565	+ 11,420	+ 11,542	+ 11,624	- 11,515	+ 12,161	
Transportation equipment	- 15,007	+ 15,957	+ 17,169	- 16,164	- 15,828	+ 17,719	+ 18,325	+ 19,367	
Other durable goods industries	+ 15,916	- 15,896	+ 16,407	+ 16,525	+ 17,022	- 16,657	+ 16,764	- 16,740	

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: (+) = rising, (o) = unchanged, and (-) = falling. The "r" indicates revised; "p", preliminary; and "NA", not available.

¹Data are seasonally adjusted by the source agency.

²Data for most of the 35 diffusion index components are not available for publication; however, they are included in the totals and directions of change for the six major industry groups shown here.

³Based on 33 components.

Diffusion index components		C2 SELECTED DIFFUSION INDEX COMPONENTS: Basic Data and Directions of Change—Continued														
		1980			1981											
		October	November	December	January	February ^r	March ^r	April ^r	May ^p							
966. INDEX OF INDUSTRIAL PRODUCTION ¹ (1967=100)																
All industrial production	+	146.9	+	149.4	+	151.0	+	151.7	-	151.5	+	152.2	+	152.3	+	152.8
Percent rising of 24 components ²		(88)		(98)		(67)		(75)		(65)		(40)		(58)		(62)
Durable manufactures:																
Lumber and products	-	122.2	+	124.9	-	122.0	+	126.3	o	126.3	-	125.4	-	125.0		(NA)
Furniture and fixtures	+	147.2	o	147.2	+	149.0	+	150.5	+	153.0	■	153.0	+	155.5		(NA)
Clay, glass, and stone products	+	145.2	+	147.8	+	151.4	+	154.9	-	154.8	-	152.9	-	151.3		(NA)
Primary metals	+	100.6	+	113.4	-	112.1	+	113.9	+	114.2	-	114.0	-	112.3	-	111.0
Fabricated metal products	+	132.8	+	134.1	+	137.4	+	137.6	+	139.1	+	141.3	+	141.6	+	142.1
Nonelectrical machinery	+	161.1	+	163.4	+	167.5	+	168.9	+	169.1	+	170.7	+	171.9	+	172.7
Electrical machinery	+	170.0	+	173.0	+	174.9	+	177.9	-	174.6	+	177.1	+	178.4	+	179.6
Transportation equipment	+	118.8	+	121.7	-	120.6	-	117.3	-	114.9	+	119.3	+	120.4	+	123.5
Instruments	+	169.6	+	169.9	+	172.1	+	174.0	-	171.3	-	169.9	+	170.2	+	170.7
Miscellaneous manufactures	+	145.0	+	147.5	+	149.5	+	151.8	+	153.6	+	154.9	+	157.5	-	156.5
Nondurable manufactures:																
Foods	+	149.4	+	150.5	+	150.7	-	150.0	+	151.5	+	152.2	+	153.0		(NA)
Tobacco products	+	123.1	+	125.1	-	118.8	+	122.9	+	123.1	-	117.3		(NA)		(NA)
Textile mill products	+	133.8	+	135.0	-	133.9	-	133.8	+	135.5	-	134.0	+	135.1		(NA)
Apparel products	+	127.5	+	128.0	-	125.1	+	125.9	-	124.0	-	123.6		(NA)		(NA)
Paper and products	+	153.0	+	154.4	+	156.8	+	157.2	-	156.7	+	156.9	-	156.2	+	156.7
Printing and publishing	+	141.5	+	142.7	+	144.9	+	145.5	+	145.8	-	144.1	-	142.7	+	143.1
Chemicals and products	+	209.1	+	212.0	+	218.8	+	219.2	+	220.9	-	219.3	+	220.5		(NA)
Petroleum products	-	130.1	+	131.2	+	137.5	-	137.3	-	134.3	-	131.4	-	130.2	-	128.6
Rubber and plastics products	+	259.2	+	259.6	-	259.2	-	258.2	+	264.0	+	266.9	+	272.7		(NA)
Leather and products	+	70.2	+	71.2	-	67.8	+	68.9	+	69.4	-	69.1	-	67.5		(NA)
Mining:																
Metal mining	+	90.8	+	107.2	+	122.2	+	126.3	+	133.7	-	131.1	-	124.9		(NA)
Coal	-	145.7	+	151.6	+	155.3	-	150.3	+	158.9	-	151.1	-	75.8	-	71.1
Oil and gas extraction	+	135.4	+	137.4	+	139.1	+	141.5	+	142.7	+	145.0	+	147.1	+	147.6
Stone and earth minerals	+	129.0	+	133.0	+	137.8	+	140.0	-	138.9	-	138.4	-	135.3		(NA)

NOTE: To facilitate interpretation, the month-to-month directions of change are shown along with the numbers: (+) = rising, (o) = unchanged, and (-) = falling. The "r" indicates revised; "p", preliminary; and "NA", not available.

¹Data are seasonally adjusted by the source agency.

²Where actual data for separate industries are not available, estimates are used to compute the percent rising.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT

Year and quarter	A1 GNP AND PERSONAL INCOME							
	200. Gross national product in current dollars			50. Gross national product in 1972 dollars			217. Per capita GNP in 1972 dollars	213. Final sales in 1972 dollars
	a. Total	b. Difference	c. Percent change at annual rate	a. Total	b. Difference	c. Percent change at annual rate		
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)		(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)		(Ann. rate, dollars)	(Ann. rate, bil. dol.)
1978								
First quarter	2,032.4	43.8	9.1	1,402.3	10.8	3.2	6,431	1,384.6
Second quarter	2,129.6	97.2	20.5	1,432.8	30.5	9.0	6,558	1,416.8
Third quarter	2,190.5	60.9	11.9	1,446.7	13.9	3.9	6,606	1,435.2
Fourth quarter	2,271.9	81.4	15.7	1,465.8	19.1	5.4	6,679	1,455.3
1979								
First quarter	2,340.6	68.7	12.7	1,479.9	14.1	3.9	6,730	1,464.4
Second quarter	2,374.6	34.0	5.9	1,473.4	-6.5	-1.7	6,687	1,455.0
Third quarter	2,444.1	69.5	12.2	1,488.2	14.8	4.1	6,737	1,480.6
Fourth quarter	2,496.3	52.2	8.8	1,490.6	2.4	0.6	6,731	1,491.3
1980								
First quarter	2,571.7	75.4	12.6	1,501.9	11.3	3.1	6,767	1,502.8
Second quarter	2,564.8	-6.9	-1.1	1,463.3	-38.6	-9.9	6,578	1,462.0
Third quarter	2,637.3	72.5	11.8	1,471.9	8.6	2.4	6,597	1,476.9
Fourth quarter	2,730.6	93.3	14.9	1,485.6	13.7	3.8	6,640	1,492.7
1981								
First quarter	r2,853.0	r122.4	r19.2	r1,516.4	r30.8	r8.6	r6,764	r1,517.8
Second quarter								
Third quarter								
Fourth quarter								

Year and quarter	A1 GNP AND PERSONAL INCOME—Continued			A2 PERSONAL CONSUMPTION EXPENDITURES			
	Disposable personal income			230. Total in current dollars	231. Total in 1972 dollars	232. Durable goods in current dollars	233. Durable goods in 1972 dollars
	224. Current dollars	225. Constant (1972) dollars	227. Per capita in 1972 dollars				
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, dollars)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1978							
First quarter	1,398.0	966.8	4,434	1,278.3	884.1	185.0	139.5
Second quarter	1,440.7	975.5	4,465	1,330.1	900.6	200.1	148.1
Third quarter	1,482.1	985.9	4,502	1,369.9	911.2	202.0	147.0
Fourth quarter	1,531.0	998.0	4,547	1,416.6	923.4	210.2	150.7
1979							
First quarter	1,580.2	1,005.7	4,574	1,454.1	925.5	212.5	149.6
Second quarter	1,612.8	1,006.9	4,570	1,478.0	922.8	207.4	144.2
Third quarter	1,663.8	1,015.7	4,598	1,529.1	933.4	213.3	146.7
Fourth quarter	1,710.1	1,017.7	4,596	1,582.3	941.6	216.1	146.0
1980							
First quarter	1,765.1	1,021.0	4,600	1,631.0	943.4	220.9	145.4
Second quarter	1,784.1	1,008.2	4,532	1,626.8	919.3	194.4	126.2
Third quarter	1,840.6	1,018.5	4,565	1,682.2	930.8	208.8	132.6
Fourth quarter	1,897.0	1,025.8	4,585	1,751.0	946.8	223.3	139.1
1981							
First quarter	r1,947.8	r1,033.3	4,609	r1,810.1	r960.2	r238.3	r146.8
Second quarter							
Third quarter							
Fourth quarter							

NOTE: Series are seasonally adjusted except for those indicated by (C), that appear to contain no seasonal movement. Series numbers are for identification only and do not reflect series relationships or order. Complete titles and sources are listed at the back of this issue. The "r" indicates revised; "p", preliminary; "e", estimated; "a", anticipated; and "NA", not available. Graphs of these series are shown on pages 40 and 41.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Year and quarter	A2 PERSONAL CONSUMPTION EXPENDITURES—Continued				A3 GROSS PRIVATE DOMESTIC INVESTMENT			
	236. Nondurable goods in current dollars	238. Nondurable goods in 1972 dollars	237. Services in current dollars	239. Services in 1972 dollars	240. Total in current dollars	241. Total in 1972 dollars	242. Fixed investment, total, in current dollars	243. Fixed investment, total, in 1972 dollars
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1978								
First quarter	504.0	339.8	589.3	404.8	350.7	224.9	325.8	207.2
Second quarter	520.4	342.4	609.5	410.1	377.7	232.9	350.7	216.9
Third quarter	536.3	347.2	631.6	417.1	380.4	229.3	361.3	217.8
Fourth quarter	558.3	353.5	648.1	419.2	392.6	231.8	374.9	221.3
1979								
First quarter	571.8	351.1	669.9	424.8	408.3	237.7	384.0	222.3
Second quarter	586.4	350.6	684.2	428.0	423.2	238.7	390.1	220.4
Third quarter	611.5	355.4	704.3	431.3	421.7	232.6	408.3	225.0
Fourth quarter	639.2	361.3	727.0	434.3	410.0	221.5	410.8	222.2
1980								
First quarter	661.1	361.5	749.0	436.5	415.6	218.3	413.1	219.2
Second quarter	664.0	356.6	768.4	436.5	390.9	200.5	383.5	199.2
Third quarter	674.2	354.9	799.2	443.3	377.1	195.3	393.2	200.2
Fourth quarter	703.5	360.4	824.2	447.3	397.7	200.5	415.1	207.6
1981								
First quarter	r726.0	r364.5	r845.8	r448.9	r437.1	r211.6	r432.7	r213.1
Second quarter								
Third quarter								
Fourth quarter								
Year and quarter	A3 GROSS PRIVATE DOMESTIC INVEST.—Con.		A4 GOVERNMENT PURCHASES OF GOODS AND SERVICES					
	245. Change in business inventories in current dollars	30. Change in business inventories in 1972 dollars	260. Total in current dollars	261. Total in 1972 dollars	262. Federal Government in current dollars	263. Federal Government in 1972 dollars	266. State and local government in current dollars	267. State and local government in 1972 dollars
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1977								
First quarter	24.9	17.7	415.7	274.6	149.5	99.4	266.2	175.3
Second quarter	27.0	16.0	425.1	276.3	149.1	98.0	276.0	178.3
Third quarter	19.1	11.5	438.3	280.0	154.1	100.8	284.2	179.2
Fourth quarter	17.7	10.6	451.3	280.1	160.7	101.0	290.6	179.2
1978								
First quarter	24.3	15.4	458.2	280.6	164.8	102.9	293.4	177.7
Second quarter	33.1	18.4	465.1	280.3	163.6	100.8	301.6	179.4
Third quarter	13.3	7.6	475.4	281.1	165.1	99.9	310.4	181.2
Fourth quarter	-0.8	-0.7	496.4	285.3	178.1	103.1	318.3	182.2
1979								
First quarter	2.5	-0.9	516.8	290.1	190.0	107.6	326.8	182.5
Second quarter	7.4	1.3	530.0	291.9	198.7	110.7	331.3	181.2
Third quarter	-16.0	-5.0	533.5	288.2	194.9	106.9	338.6	181.3
Fourth quarter	-17.4	-7.2	558.6	289.8	212.0	107.4	346.6	182.4
1980								
First quarter	r4.5	r-1.4	r576.5	r293.6	r221.6	r111.2	r354.9	r182.5
Second quarter								
Third quarter								
Fourth quarter								

See note on page 80.

Graphs of these series are shown on pages 41, 42, and 43.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Year and quarter	A5 FOREIGN TRADE						A6 NATIONAL INCOME AND ITS COMPONENTS	
	Net exports of goods and services		Exports of goods and services		Imports of goods and services		220. National income in current dollars (Ann. rate, bil. dol.)	280. Compensation of employees (Ann. rate, bil. dol.)
	250. Current dollars (Ann. rate, bil. dol.)	255. Constant (1972) dollars (Ann. rate, bil. dol.)	252. Current dollars (Ann. rate, bil. dol.)	256. Constant (1972) dollars (Ann. rate, bil. dol.)	253. Current dollars (Ann. rate, bil. dol.)	257. Constant (1972) dollars (Ann. rate, bil. dol.)		
1978								
First quarter	-12.3	18.7	195.9	118.3	208.2	99.5	1,644.6	1,238.1
Second quarter	-3.3	23.0	214.8	125.4	218.1	102.4	1,720.7	1,282.3
Third quarter	1.9	26.1	225.3	129.8	223.3	103.7	1,771.7	1,316.5
Fourth quarter	11.4	30.5	243.5	136.6	232.0	106.2	1,844.6	1,361.7
1979								
First quarter	19.9	36.0	259.1	141.1	239.2	105.1	1,903.6	1,409.9
Second quarter	8.2	31.6	266.8	140.5	258.6	108.8	1,932.0	1,439.0
Third quarter	17.9	41.1	293.1	151.3	275.2	110.2	1,986.2	1,476.7
Fourth quarter	7.6	42.2	306.3	154.8	298.7	112.6	2,031.3	1,518.1
1980								
First quarter	8.2	50.1	337.3	165.9	329.1	115.8	2,088.5	1,558.0
Second quarter	17.1	51.7	333.3	160.5	316.2	108.9	2,070.0	1,569.0
Third quarter	44.5	57.6	342.4	160.5	297.9	102.8	2,122.4	1,597.4
Fourth quarter	23.3	48.5	346.1	157.4	322.7	108.9	2,204.8	1,661.8
1981								
First quarter	r29.2	r50.9	r367.4	r162.5	r338.2	r111.6	r2,291.1	r1,722.4
Second quarter								
Third quarter								
Fourth quarter								
Year and quarter	A6 NATIONAL INCOME AND ITS COMPONENTS—Continued				A7 SAVING			
	282. Proprietors' income with inventory valuation and capital consumption adjustments (Ann. rate, bil. dol.)	284. Rental income of persons with capital consumption adjustment (Ann. rate, bil. dol.)	286. Corporate profits with inventory valuation and capital consumption adjustments (Ann. rate, bil. dol.)	288. Net interest (Ann. rate, bil. dol.)	290. Gross saving (private and government) (Ann. rate, bil. dol.)	295. Business saving (Ann. rate, bil. dol.)	292. Personal saving (Ann. rate, bil. dol.)	
1978								
First quarter	110.3	25.3	163.6	107.3	326.9	260.1	84.6	
Second quarter	115.5	25.4	185.2	112.3	354.0	275.5	73.6	
Third quarter	118.2	28.7	190.5	117.8	359.4	284.9	73.4	
Fourth quarter	124.6	30.0	202.7	125.7	380.4	295.8	73.8	
1979								
First quarter	127.8	30.7	201.9	133.4	407.4	304.4	83.8	
Second quarter	129.4	30.1	196.6	136.9	416.2	310.3	90.9	
Third quarter	132.9	30.3	199.5	146.8	422.3	320.5	89.3	
Fourth quarter	136.3	31.0	189.4	156.5	402.0	315.7	80.7	
1980								
First quarter	133.7	31.2	200.2	165.4	404.5	326.7	86.4	
Second quarter	124.9	31.5	169.3	175.3	394.5	325.8	110.0	
Third quarter	129.7	32.0	177.9	185.3	402.0	334.6	111.4	
Fourth quarter	134.0	32.4	183.3	193.3	406.7	339.3	97.6	
1981								
First quarter	r132.1	32.7	r203.0	r200.8	r442.7	r358.8	r88.9	
Second quarter								
Third quarter								
Fourth quarter								

See note on page 80.

Graphs of these series are shown on pages 44, 45, and 46.



OTHER IMPORTANT ECONOMIC MEASURES

NATIONAL INCOME AND PRODUCT—Continued

Year and quarter	A7 SAVING—Continued		A8 SHARES OF GNP AND NATIONAL INCOME				
	298. Government surplus or deficit, total (Ann. rate, bil. dol.)	293. Personal saving rate (percent of disposable personal income) (Percent)	Percent of gross national product				
			235. Personal consumption expenditures, total (Percent)	248. Nonresidential fixed investment (Percent)	249. Residential fixed investment (Percent)	247. Change in business inventories (Percent)	251. Net exports of goods and services (Percent)
1978							
First quarter	-17.7	6.0	62.9	11.0	5.1	1.2	-0.6
Second quarter	4.9	5.1	62.5	11.2	5.2	1.3	-0.2
Third quarter	1.1	5.0	62.5	11.3	5.2	0.9	0.1
Fourth quarter	10.8	4.8	62.4	11.4	5.1	0.8	0.5
1979							
First quarter	18.1	5.3	62.1	11.4	5.0	1.0	0.9
Second quarter	13.9	5.6	62.2	11.5	4.9	1.4	0.3
Third quarter	11.3	5.4	62.6	11.8	4.9	0.5	0.7
Fourth quarter	4.4	4.7	63.4	11.6	4.8	0.0	0.3
1980							
First quarter	-9.6	4.9	63.4	11.6	4.5	0.1	0.3
Second quarter	-42.5	6.2	63.4	11.3	3.6	0.3	0.7
Third quarter	-45.6	6.1	63.8	11.1	3.8	-0.6	1.7
Fourth quarter	-30.8	5.1	64.1	11.1	4.1	-0.6	0.9
1981							
First quarter	r-6.2	r4.6	r63.4	11.1	4.1	r0.2	r1.0
Second quarter							
Third quarter							
Fourth quarter							
Year and quarter	A8 SHARES OF GNP AND NATIONAL INCOME—Continued						
	Percent of GNP—Continued		Percent of national income				
	265. Federal Government purchases of goods and services (Percent)	268. State and local government purchases of goods and services (Percent)	64. Compensation of employees (Percent)	283. Proprietors' income with IVA and CCAdj ¹ (Percent)	285. Rental income of persons with CCAdj ¹ (Percent)	287. Corporate profits with IVA and CCAdj ¹ (Percent)	289. Net interest (Percent)
1978							
First quarter	7.4	13.1	75.3	6.7	1.5	9.9	6.5
Second quarter	7.0	13.0	74.5	6.7	1.5	10.8	6.5
Third quarter	7.0	13.0	74.3	6.7	1.6	10.8	6.6
Fourth quarter	7.1	12.8	73.8	6.8	1.6	11.0	6.8
1979							
First quarter	7.0	12.5	74.1	6.7	1.6	10.6	7.0
Second quarter	6.9	12.7	74.5	6.7	1.6	10.2	7.1
Third quarter	6.8	12.7	74.3	6.7	1.5	10.0	7.4
Fourth quarter	7.1	12.8	74.7	6.7	1.5	9.3	7.7
1980							
First quarter	7.4	12.7	74.6	6.4	1.5	9.6	7.9
Second quarter	7.7	12.9	75.8	6.0	1.5	8.2	8.5
Third quarter	7.4	12.8	75.3	6.1	1.5	8.4	8.7
Fourth quarter	7.8	12.7	75.4	6.1	1.5	8.3	8.8
1981							
First quarter	7.8	12.4	75.2	5.8	1.4	r8.9	r8.8
Second quarter							
Third quarter							
Fourth quarter							

See note on page 80.

Graphs of these series are shown on pages 46 and 47.

¹IVA, inventory valuation adjustment; CCAdj, capital consumption adjustment.



OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY

Year and month	B1 PRICE MOVEMENTS									
	Implicit price deflator, gross national product		Fixed-weighted price index, gross business product		Consumer prices, all items			Consumer prices, food		
	310. Index	310c. Change over 1-quarter spans ¹	311. Index	311c. Change over 1-quarter spans ¹	320. Index ⁽²⁾	320c. Change over 1-month spans ¹	320c. Change over 6-month spans ¹	322. Index	322c. Change over 1-month spans ¹	322c. Change over 6-month spans ¹
	(1972=100)	(Ann. rate, percent)	(1972=100)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)
1979										
January	...	8.4	...	9.7	204.7	0.8	10.6	225.2	1.3	12.0
February	158.2	...	162.3	...	207.1	1.0	11.4	228.2	1.3	12.0
March	...	...	...	...	209.1	0.9	12.2	230.1	0.8	10.6
April	...	7.8	...	9.7	211.5	1.0	12.9	231.5	0.6	9.0
May	161.2	...	166.1	...	214.1	1.0	13.0	233.2	0.7	6.3
June	...	...	...	...	216.6	1.0	13.6	233.9	0.3	7.0
July	...	7.8	...	9.5	218.9	1.2	13.9	235.1	0.5	7.6
August	164.2	...	169.9	...	221.1	1.1	14.0	235.3	0.1	7.7
September	...	...	...	...	223.4	1.2	14.4	238.0	1.1	9.7
October	...	8.1	...	10.0	225.4	1.1	14.9	240.1	0.9	8.9
November	167.5	...	174.0	...	227.5	1.1	15.4	242.0	0.8	8.3
December	...	...	...	...	229.9	1.2	15.8	245.0	1.2	7.7
1980										
January	...	9.3	...	10.1	233.2	1.4	15.3	245.3	0.1	6.9
February	171.2	...	178.2	...	236.4	1.3	14.8	244.9	-0.2	6.1
March	...	...	...	...	239.8	1.3	14.3	247.0	0.9	4.5
April	...	9.8	...	9.8	242.5	0.9	11.4	248.3	0.5	6.3
May	175.3	...	182.4	...	244.9	0.9	10.3	249.3	0.4	10.6
June	...	...	...	...	247.6	1.0	9.6	250.5	0.5	12.5
July	...	9.2	...	9.6	247.8	0.1	10.0	252.9	1.0	13.4
August	179.2	...	186.7	...	249.4	0.8	10.5	257.6	1.9	15.2
September	...	...	...	...	251.7	1.0	10.5	262.0	1.7	16.3
October	...	10.7	...	9.3	253.9	1.0	11.9	264.4	0.9	13.8
November	183.8	...	190.9	...	256.2	1.1	12.3	267.6	1.2	10.3
December	...	...	...	...	258.4	1.0	11.4	270.2	1.0	7.5
1981										
January	...	r9.8	...	10.5	260.5	0.7	10.0	269.8	-0.1	5.5
February	r188.1	...	195.7	...	263.2	1.0	9.1	270.6	0.3	2.6
March	...	...	...	...	265.1	0.6	...	271.6	0.4	...
April	...	...	...	...	266.8	0.4	...	271.6	0.0	...
May	...	...	...	...	269.0	0.7	...	271.0	-0.2	...
June	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...	...

See note on page 80.

Graphs of these series are shown on pages 48 and 49.

¹Percent changes are centered within the spans: 1-month changes are placed on the 2d month, 6-month changes are placed on the 4th month, and 1-quarter changes are placed on the 1st month of the 2d quarter.

II **B**

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Year and month	B1 PRICE MOVEMENTS—Continued								
	Producer prices, all commodities			Producer prices, industrial commodities			Producer prices, crude materials		
	330. Index ⁽¹⁾	330c. Change over 1-month spans ¹ ⁽²⁾	330c. Change over 6-month spans ¹ ⁽²⁾	335. Index ⁽¹⁾	335c. Change over 1-month spans ¹ ⁽²⁾	335c. Change over 6-month spans ¹ ⁽²⁾	331. Index	331c. Change over 1-month spans ¹	331c. Change over 6-month spans ¹
	(1967=100)	(Percent)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)
1979									
January	220.8	1.5	14.5	220.0	1.3	13.8	255.3	2.2	21.1
February	224.1	1.5	15.7	222.5	1.1	15.0	261.4	2.4	20.2
March	226.7	1.2	15.3	225.4	1.3	16.1	266.5	2.0	20.7
April	230.0	1.5	15.1	229.0	1.6	16.5	271.2	1.8	18.1
May	232.0	0.9	13.1	231.6	1.1	16.9	271.4	0.1	8.6
June	233.5	0.6	14.0	234.0	1.0	17.4	274.6	1.2	11.3
July	236.9	1.5	14.0	237.5	1.5	18.2	277.4	1.0	9.4
August	238.3	0.6	13.5	240.6	1.3	17.1	272.4	-1.8	12.0
September	242.0	1.6	14.4	244.2	1.5	17.0	281.1	3.2	12.2
October	245.6	1.5	15.8	249.0	2.0	20.4	283.7	0.9	8.4
November	247.2	0.7	19.2	250.6	0.6	22.1	287.2	1.2	17.4
December	249.7	1.0	17.1	253.1	1.0	21.0	290.9	1.3	5.3
1980									
January	254.9	2.1	14.5	260.6	3.0	18.7	288.8	-0.7	-0.4
February	260.2	2.1	14.2	265.9	2.0	17.7	295.1	2.2	-0.8
March	261.9	0.7	13.1	268.6	1.0	16.8	288.4	-2.3	-1.8
April	262.8	0.3	12.5	271.3	1.0	12.3	283.1	-1.8	10.5
May	264.2	0.5	10.7	271.9	0.2	9.5	286.1	1.1	15.8
June	265.6	0.5	9.9	273.5	0.6	7.7	288.3	0.8	24.5
July	270.4	1.8	11.7	276.2	1.0	8.0	303.6	5.3	33.6
August	273.8	1.3	11.6	278.2	0.7	8.6	317.5	4.6	33.6
September	274.6	0.3	11.8	278.8	0.2	9.8	321.8	1.4	29.5
October	277.8	1.2	r10.8	282.0	1.1	r11.2	327.2	1.7	r17.3
November	279.1	0.5	9.8	283.4	0.5	12.3	330.7	1.1	8.9
December	280.8	0.6	11.2	286.6	1.1	14.9	328.1	-0.8	3.3
1981									
January	r284.6	r1.4	11.1	r291.2	r1.6	15.3	r328.8	r0.2	2.8
February	286.9	r0.8	10.7	294.8	r1.2	15.1	331.4	r0.8	-0.4
March	289.6	0.9		298.9	1.4		327.0	-1.3	
April	292.8	1.1		302.8	1.3		331.8	1.5	
May	293.7	0.3		304.1	0.4		330.1	-0.5	
June									
July									
August									
September									
October									
November									
December									

See note on page 80.

Graphs of these series are shown on page 48.

¹Percent changes are centered within the spans: 1-month changes are placed on the 2d month and 6-month changes are placed on the 4th month.

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Year and month	B1 PRICE MOVEMENTS—Continued								
	Producer prices, intermediate materials			Producer prices, capital equipment			Producer prices, finished consumer goods		
	332. Index	332c. Change over 1-month spans ¹	332c. Change over 6-month spans ¹	333. Index	333c. Change over 1-month spans ¹	333c. Change over 6-month spans ¹	334. Index	334c. Change over 1-month spans ¹	334c. Change over 6-month spans ¹
	(1967=100)	(Percent)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)
1979									
January	227.0	1.1	13.3	208.1	0.7	10.0	206.1	1.3	13.0
February	228.9	0.8	13.8	210.0	0.9	9.2	208.3	1.1	12.7
March	231.6	1.2	14.7	211.4	0.7	9.2	210.3	1.0	11.3
April	235.2	1.6	15.9	213.3	0.9	9.2	212.3	1.0	11.1
May	238.0	1.2	16.9	214.7	0.7	7.7	213.5	0.6	11.2
June	240.4	1.0	17.9	215.9	0.6	7.9	214.7	0.6	13.5
July	244.4	1.7	18.0	217.5	0.7	7.7	217.2	1.2	13.9
August	247.5	1.3	17.4	217.9	0.2	8.0	219.7	1.2	16.1
September	251.5	1.6	17.5	219.6	0.8	8.4	224.0	2.0	16.7
October	255.5	1.6	19.6	221.4	0.8	10.1	226.6	1.2	17.9
November	257.9	0.9	20.8	223.1	0.8	11.4	230.0	1.5	18.6
December	260.6	1.0	18.7	224.8	0.8	11.7	231.9	0.8	16.8
1980									
January	267.3	2.6	15.6	228.2	1.5	13.4	235.8	1.7	15.3
February	272.0	1.8	14.9	230.0	0.8	12.5	239.3	1.5	13.0
March	274.0	0.7	14.1	232.1	0.9	12.3	242.1	1.2	13.1
April	274.7	0.3	10.5	235.8	1.6	11.6	243.3	0.5	13.5
May	276.4	0.6	8.8	236.6	0.3	12.2	244.5	0.5	12.9
June	278.4	0.7	8.3	238.2	0.7	10.4	246.6	0.9	11.0
July	281.0	0.9	9.6	241.1	1.2	10.7	251.2	1.9	11.7
August	283.7	1.0	10.2	243.6	1.0	11.4	254.3	1.2	12.1
September	285.2	0.5	11.1	243.9	0.1	10.9	255.1	0.3	10.9
October	287.6	0.8	r12.0	248.1	1.7	r10.6	257.1	0.8	r8.9
November	290.2	0.9	10.3	249.7	0.6	10.3	258.9	0.7	7.4
December	293.5	1.1	11.5	250.8	0.4	11.6	259.7	0.3	9.7
1981									
January	r297.4	r1.3	12.0	r253.5	r1.1	9.9	r262.1	r0.9	9.7
February	297.9	r0.2	11.1	255.8	r0.9	10.4	263.6	r0.6	8.7
March	301.1	1.1		257.7	0.7		267.2	1.4	
April	304.3	1.1		260.1	0.9		269.3	0.8	
May	305.9	0.5		262.4	0.9		269.9	0.2	
June									
July									
August									
September									
October									
November									
December									

See note on page 80

Graphs of these series are shown on page 48.

¹Percent changes are centered within the spans: 1-month changes are placed on the 2d month and 6-month changes are placed on the 4th month.

I **B**

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Year and month	B2 WAGES AND PRODUCTIVITY								
	Average hourly earnings, production workers, private nonfarm economy, adjusted ¹						Average hourly compensation, all employees, nonfarm business sector		
	Current-dollar earnings			Real earnings			Current-dollar compensation		
	340. Index	340c. Change over 1-month spans ²	340c. Change over 6-month spans ²	341. Index	341c. Change over 1-month spans ²	341c. Change over 6-month spans ²	345. Index	345c. Change over 1-quarter spans ²	345c. Change over 4-quarter spans ²
	(1967=100)	(Percent)	(Ann. rate, percent)	(1967=100)	(Percent)	(Ann. rate, percent)	(1977=100)	(Ann. rate, percent)	(Ann. rate, percent)
1979									
January	222.6	0.7	7.8	108.3	-0.2	-3.0	...	10.8	...
February	224.0	0.6	7.6	107.8	-0.5	-3.8	114.7	...	9.6
March	225.2	0.5	7.5	107.4	-0.4	-4.4	...	...	...
April	226.7	0.7	7.5	107.1	-0.3	-5.0	...	10.0	...
May	227.6	0.4	7.6	106.4	-0.7	-4.8	117.5	...	9.5
June	229.2	0.7	8.2	106.1	-0.3	-4.3	...	...	...
July	230.8	0.7	7.5	105.6	-0.5	-5.5	...	8.2	...
August	232.3	0.6	8.8	105.2	-0.4	-4.5	119.8	...	9.3
September	234.3	0.9	9.1	104.8	-0.4	-4.5	...	...	...
October	235.0	0.3	8.4	104.1	-0.7	-5.5	...	9.2	...
November	237.3	1.0	8.9	104.0	-0.1	-5.5	122.5	...	9.6
December	239.4	0.9	9.6	103.6	-0.4	-5.2	...	...	...
1980									
January	240.3	0.4	9.8	102.6	-1.0	-4.8	...	9.6	...
February	242.4	0.9	9.4	102.2	-0.4	-4.6	125.3	...	9.9
March	245.2	1.2	9.8	102.1	-0.1	-3.8	...	...	...
April	246.2	0.4	10.0	101.5	-0.6	-1.1	...	11.4	...
May	248.3	0.9	9.8	101.5	0.0	-0.3	128.7	...	10.0
June	250.9	1.0	8.4	101.6	0.1	-1.2	...	...	...
July	252.1	0.5	9.7	102.1	0.5	-0.2	...	9.3	...
August	254.0	0.8	10.5	102.0	-0.1	-0.1	131.6	...	p10.4
September	255.4	0.6	9.0	101.5	-0.5	-1.7	...	...	...
October	257.9	1.0	10.0	101.4	-0.1	-2.1	...	9.5	...
November	260.9	1.2	10.2	101.5	0.1	-2.2	134.7	...	...
December	261.9	0.4	r10.6	100.8	-0.7	r-0.7	...	...	...
1981									
January	264.4	1.0	r9.5	101.0	0.2	r-0.5	...	p11.2	...
February	266.6	0.8	p8.3	100.9	-0.1	p-0.6	p138.3	...	...
March	r268.6	r0.8	...	r101.1	r0.2	...	...	...	...
April	r269.8	r0.4	...	r101.2	r0.1	...	...	...	...
May	p271.5	p0.6	...	p101.2	p0.0	...	...	...	...
June	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...

See note on page 80.

Graphs of these series are shown on pages 49 and 50.

¹Adjusted for overtime (in manufacturing only) and interindustry employment shifts.

²Percent changes are centered within the spans: 1-month changes are placed on the 2d month, 6-month changes are placed on the 4th month, 1-quarter changes are placed on the 1st month of the 2d quarter, and 4-quarter changes are placed on the middle month of the 3d quarter.

II **B**

OTHER IMPORTANT ECONOMIC MEASURES

PRICES, WAGES, AND PRODUCTIVITY—Continued

Year and month	B2 WAGES AND PRODUCTIVITY—Continued								
	Average hourly compensation, all employees, nonfarm business sector—Continued			Negotiated wage and benefit decisions, all industries (1)		Output per hour, all persons, private business sector			358. Index of output per hour all persons, nonfarm business sector
	Real compensation			348. First year average changes	349. Average changes over life of contract	370. Index	370c. Change over 1-quarter spans ¹	370c. Change over 4-quarter spans ¹	
	346. Index	346c. Change over 1-quarter spans ¹	346c. Change over 4-quarter spans ¹						
	(1977=100)	(Ann. rate, percent)	(Ann. rate, percent)	(Ann. rate, percent)	(Ann. rate, percent)	(1977=100)	(Ann. rate, percent)	(Ann. rate, percent)	(1977=100)
1979									
January . . . . .	...	-0.4	...	2.8	5.3	...	-0.8	...	...
February	100.3	...	-1.9	...	...	99.7	...	-0.7	99.5
March . . . . .	...	...	...	...	...	...	...	...	...
April . . . . .	...	-2.5	...	10.5	7.8	...	-0.2	...	...
May	99.6	...	-2.8	...	...	99.6	...	-0.9	99.1
June . . . . .	...	...	...	...	...	...	...	...	...
July . . . . .	...	-4.6	...	9.0	6.1	...	-1.5	...	...
August	98.5	...	-4.3	...	...	99.2	...	-0.4	98.7
September . . . . .	...	...	...	...	...	...	...	...	...
October . . . . .	...	-3.8	...	8.5	6.0	...	-1.1	...	...
November	97.5	...	-4.2	...	...	99.0	...	-0.8	98.6
December . . . . .	...	...	...	...	...	...	...	...	...
1980									
January . . . . .	...	-6.2	...	8.8	6.7	...	1.3	...	...
February	95.9	...	-2.6	...	...	99.3	...	0.0	98.6
March . . . . .	...	...	...	...	...	...	...	...	...
April . . . . .	...	-2.0	...	10.2	7.4	...	-1.9	...	...
May	95.5	...	-2.3	...	...	98.8	...	-0.1	97.9
June . . . . .	...	...	...	...	...	...	...	...	...
July . . . . .	...	2.0	...	11.4	7.2	...	1.5	...	...
August	95.9	...	p-0.8	...	...	99.2	...	p0.5	98.8
September . . . . .	...	...	...	...	...	...	...	...	...
October . . . . .	...	-3.0	...	8.5	6.1	...	-1.2	...	...
November	95.1	...	...	...	...	98.9	...	...	98.7
December . . . . .	...	...	...	...	...	...	...	...	...
1981									
January . . . . .	...	p-0.2	...	p10.4	p7.3	p99.8	p3.9	...	...
February	p95.1	...	...	...	...	...	...	...	p99.6
March . . . . .	...	...	...	...	...	...	...	...	...
April . . . . .	...	...	...	...	...	...	...	...	...
May . . . . .	...	...	...	...	...	...	...	...	...
June . . . . .	...	...	...	...	...	...	...	...	...
July . . . . .	...	...	...	...	...	...	...	...	...
August . . . . .	...	...	...	...	...	...	...	...	...
September . . . . .	...	...	...	...	...	...	...	...	...
October . . . . .	...	...	...	...	...	...	...	...	...
November . . . . .	...	...	...	...	...	...	...	...	...
December . . . . .	...	...	...	...	...	...	...	...	...

See note on page 80.

Graphs of these series are shown on pages 49 and 50.

¹Percent changes are centered within the spans: 1-quarter changes are placed on the 1st month of the 2d quarter and 4-quarter changes are placed on the middle month of the 3d quarter.

II C

OTHER IMPORTANT ECONOMIC MEASURES

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT

Year and month	C1 CIVILIAN LABOR FORCE AND MAJOR COMPONENTS										
	Civilian labor force		Labor force participation rates			Number unemployed					448. Number employed part-time for economic reasons
	441. Total	442. Employed	451. Males 20 years and over	452. Females 20 years and over	453. Both sexes, 16-19 years of age	37. Total	444. Males 20 years and over	445. Females 20 years and over	446. Both sexes, 16-19 years of age	447. Full-time workers	
	(Thous.)	(Thous.)	(Percent)	(Percent)	(Percent)	(Thous.)	(Thous.)	(Thous.)	(Thous.)	(Thous.)	
1979											
January	102,014	96,056	80.0	50.1	58.8	5,958	2,201	2,205	1,552	4,573	3,234
February	102,393	96,400	80.1	50.3	58.9	5,993	2,188	2,251	1,554	4,692	3,209
March	102,578	96,622	79.9	50.5	58.7	5,956	2,188	2,246	1,522	4,602	3,248
April	102,213	96,295	79.8	50.2	58.4	5,918	2,165	2,178	1,575	4,621	3,279
May	102,366	96,590	79.7	50.3	57.9	5,776	2,083	2,147	1,546	4,450	3,252
June	102,556	96,838	79.7	50.4	57.8	5,718	2,097	2,177	1,444	4,422	3,267
July	103,015	97,277	79.9	50.7	57.6	5,738	2,177	2,122	1,439	4,484	3,243
August	103,105	97,048	79.8	51.0	56.6	6,057	2,235	2,303	1,519	4,661	3,286
September	103,492	97,521	79.9	50.9	58.1	5,971	2,232	2,180	1,559	4,670	3,155
October	103,566	97,434	79.7	50.9	57.7	6,132	2,333	2,240	1,559	4,785	3,289
November	103,605	97,501	79.5	50.9	57.9	6,104	2,385	2,214	1,505	4,814	3,405
December	104,053	97,781	79.5	51.2	58.5	6,272	2,435	2,276	1,561	4,911	3,541
1980											
January	104,208	97,708	79.5	51.3	58.0	6,500	2,629	2,314	1,557	5,130	3,549
February	104,271	97,817	79.6	51.3	57.5	6,454	2,581	2,311	1,562	5,114	3,454
March	104,171	97,628	79.4	51.2	57.4	6,543	2,736	2,295	1,512	5,265	3,470
April	104,427	97,225	79.5	51.4	56.5	7,202	3,192	2,501	1,509	5,825	3,803
May	105,060	97,116	79.9	51.5	57.9	7,944	3,569	2,593	1,782	6,586	4,276
June	104,591	96,780	79.4	51.4	56.7	7,811	3,558	2,569	1,684	6,430	3,969
July	105,020	96,999	79.4	51.5	57.1	8,021	3,630	2,655	1,736	6,631	4,086
August	104,945	97,003	79.4	51.6	55.5	7,942	3,612	2,633	1,697	6,553	4,143
September	104,980	97,180	79.4	51.3	56.7	7,800	3,652	2,513	1,635	6,516	4,183
October	105,167	97,206	79.3	51.4	56.8	7,961	3,532	2,732	1,697	6,559	4,220
November	105,285	97,339	79.2	51.5	56.5	7,946	3,532	2,720	1,694	6,632	4,176
December	105,067	97,282	79.0	51.4	56.0	7,785	3,425	2,750	1,610	6,549	4,218
1981											
January	105,543	97,696	78.8	51.8	57.0	7,847	3,352	2,750	1,744	6,460	4,474
February	105,681	97,927	78.7	51.9	57.0	7,754	3,312	2,680	1,762	6,396	4,145
March	106,177	98,412	79.2	52.1	56.6	7,764	3,305	2,725	1,734	6,407	4,227
April	106,722	98,976	79.4	52.3	57.7	7,746	3,262	2,721	1,763	6,293	4,044
May	107,406	99,235	79.8	52.6	57.4	8,171	3,546	2,838	1,787	6,690	4,143
June											
July											
August											
September											
October											
November											
December											

See note on page 80.

Graphs of these series are shown on page 51.



OTHER IMPORTANT ECONOMIC MEASURES

GOVERNMENT ACTIVITIES

Year and month	D1 RECEIPTS AND EXPENDITURES						D2 DEFENSE INDICATORS			
	Federal Government ¹			State and local governments ¹			Advance measures of defense activity			
	500. Surplus or deficit (Ann. rate, bil. dol.)	501. Receipts (Ann. rate, bil. dol.)	502. Expenditures (Ann. rate, bil. dol.)	510. Surplus or deficit (Ann. rate, bil. dol.)	511. Receipts (Ann. rate, bil. dol.)	512. Expenditures (Ann. rate, bil. dol.)	517. Defense Department gross obligations incurred (Mil. dol.)	525. Defense Department military prime contract awards (Mil. dol.)	543. Defense Department gross unpaid obligations outstanding (Mil. dol.)	548. Value of manufacturers' new orders, defense products (Mil. dol.)
1979										
January	...	...	...	...	...	...	10,770	5,706	65,120	2,684
February	-11.5	477.0	488.4	29.5	340.9	311.4	10,226	4,773	48,267	3,871
March	...	...	...	...	...	...	10,935	5,763	67,128	3,102
April	...	...	...	...	...	...	9,784	4,936	68,883	3,181
May	-8.1	485.9	494.0	21.9	342.7	320.8	10,683	4,720	68,468	3,640
June	...	...	...	...	...	...	10,615	5,117	68,976	2,464
July	...	...	...	...	...	...	11,792	6,135	70,252	2,332
August	-15.2	500.6	515.8	26.5	355.4	328.9	11,022	5,282	81,542	3,029
September	...	...	...	...	...	...	12,278	6,364	71,886	4,237
October	...	...	...	...	...	...	12,081	4,318	64,325	3,048
November	-24.5	514.0	538.6	28.9	365.6	336.7	11,505	5,670	68,634	4,033
December	...	...	...	...	...	...	11,997	5,489	68,525	3,787
1980										
January	...	...	...	...	...	...	12,578	5,515	70,088	3,352
February	-36.3	528.4	564.7	26.6	372.1	345.4	12,399	7,152	68,497	3,680
March	...	...	...	...	...	...	13,806	5,781	72,961	4,594
April	...	...	...	...	...	...	13,722	7,572	73,766	4,948
May	-66.5	520.9	587.3	23.9	373.9	350.0	13,718	7,483	74,848	5,279
June	...	...	...	...	...	...	12,809	7,184	75,204	3,546
July	...	...	...	...	...	...	12,677	6,768	76,366	4,366
August	-74.2	540.8	615.0	28.6	386.8	358.2	13,728	7,633	76,506	4,515
September	...	...	...	...	...	...	13,552	7,410	79,260	6,458
October	...	...	...	...	...	...	13,014	4,572	77,930	3,908
November	-67.9	573.2	641.1	37.1	403.4	366.3	12,876	6,794	76,530	4,453
December	...	...	...	...	...	...	15,825	9,663	79,312	5,825
1981										
January	...	...	...	...	...	...	14,808	7,430	80,829	4,193
February	r-43.3	r620.7	r664.0	r37.0	r411.8	r374.7	15,741	7,598	85,032	5,657
March	...	...	...	...	...	...	15,560	(NA)	83,966	4,835
April	...	...	...	...	...	...	(NA)	(NA)	(NA)	r4,790
May	...	...	...	...	...	...	...	...	...	p5,810
June	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...	...

See note on page 80.

Graphs of these series are shown on pages 52 and 53.

¹Based on national income and product accounts.



OTHER IMPORTANT ECONOMIC MEASURES

GOVERNMENT ACTIVITIES—Continued

Year and month	D2 DEFENSE INDICATORS—Continued									
	Intermediate and final measures of defense activity								National defense purchases	
	557. Output of defense and space equipment	559. Manufacturers' inventories, defense products	561. Manufacturers' unfilled orders, defense products	580. Defense Department net outlays	588. Manufacturers' shipments, defense products	570. Employment in defense products industries	Defense Department personnel		564. Federal purchases of goods and services	565. Federal purchases as a percent of GNP
	(1967=100)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Thous.)	577. Military, active duty ⁽¹⁾	578. Civilian, direct hire employment ⁽²⁾	(Ann. rate, bil. dol.)	(Percent)
1979										
January	92.3	7,397	43,409	9,645	2,838	1,242	2,040	972	...	...
February	92.4	7,485	44,515	9,452	2,765	1,262	2,030	971	106.0	4.5
March	93.0	7,586	44,588	9,525	3,029	1,278	2,026	968	...	...
April	92.1	7,573	44,854	9,299	2,915	1,283	2,022	968	...	...
May	92.4	7,806	45,670	9,781	2,824	1,289	2,018	972	108.1	4.6
June	92.2	7,953	45,138	9,425	2,996	1,299	2,024	979	...	...
July	92.9	8,048	44,656	10,499	2,814	1,310	2,027	982	...	...
August	91.9	8,178	44,697	10,103	2,988	1,312	2,024	974	112.0	4.6
September	93.8	8,553	46,000	9,982	2,934	1,324	2,027	960	...	...
October	95.4	8,871	46,010	9,982	3,038	1,336	2,030	964	...	...
November	96.4	9,275	46,893	10,206	3,150	1,349	2,029	967	118.7	4.8
December	96.7	9,462	47,492	11,182	3,188	1,356	2,020	967	...	...
1980										
January	97.0	9,592	47,769	11,341	3,076	1,359	2,029	964	...	...
February	97.2	9,619	48,196	10,632	3,253	1,366	2,032	965	125.0	4.9
March	97.1	10,075	49,401	11,235	3,389	1,377	2,033	966	...	...
April	97.6	10,277	51,061	11,356	3,286	1,373	2,028	969	...	...
May	97.2	10,451	52,902	11,061	3,440	1,375	2,031	975	128.7	5.0
June	96.8	10,588	53,011	11,480	3,435	1,373	2,034	988	...	...
July	97.2	10,908	53,922	11,303	3,453	1,371	2,044	990	...	...
August	96.9	11,177	55,112	11,135	3,324	1,379	2,049	973	131.4	5.0
September	97.4	11,310	57,771	11,648	3,798	1,384	2,051	971	...	...
October	98.5	11,647	57,904	12,371	3,776	1,394	2,053	971	...	...
November	99.8	11,833	58,501	11,209	3,858	1,398	2,056	972	141.6	5.2
December	100.7	12,038	60,599	13,055	3,726	1,401	2,051	973	...	...
1981										
January	101.0	12,449	61,107	12,769	3,686	1,400	2,056	973	...	...
February	r100.2	12,645	62,844	12,959	3,919	1,395	2,061	972	r145.2	5.1
March	100.8	13,010	63,348	r12,631	4,330	r1,398	2,062	p974	...	...
April	r101.0	13,247	r64,138	p12,609	r3,999	p1,394	2,060	(NA)	...	...
May	p101.4	(NA)	p65,956	(NA)	p3,993	(NA)	p2,065	...	...	...
June	...	...	...	...	...	...	...	...	...	...
July	...	...	...	...	...	...	...	...	...	...
August	...	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...	...

See note on page 80.

Graphs of these series are shown on pages 54 and 55.

II **E**

OTHER IMPORTANT ECONOMIC MEASURES

U.S. INTERNATIONAL TRANSACTIONS

Year and month	E1 MERCHANDISE TRADE					
	602. Exports, excluding military aid shipments, total	604. Exports of agricultural products	606. Exports of non-electrical machinery	612. General imports, total	614. Imports of petroleum and petroleum products	616. Imports of automobiles and parts
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1979						
January	13,265	2,531	2,682	16,528	3,580	1,963
February	13,616	2,444	2,832	14,607	3,634	1,706
March	14,298	2,609	2,917	15,358	3,667	1,589
April	13,979	2,540	2,706	15,841	3,832	1,956
May	14,084	2,597	2,859	16,436	4,000	1,851
June	14,819	2,828	3,034	16,829	4,199	1,730
July	15,692	2,954	3,022	16,804	4,692	1,815
August	15,717	3,019	3,241	18,277	4,949	2,113
September	15,825	3,032	3,153	18,409	5,662	1,849
October	16,682	3,309	3,251	19,027	6,050	1,805
November	16,929	3,459	3,172	18,546	5,351	1,984
December	16,742	3,311	3,240	19,612	6,502	1,871
1980						
January	17,419	3,442	3,297	21,142	5,614	1,899
February	16,984	3,484	3,454	21,779	7,741	2,035
March	18,265	3,325	3,423	20,947	6,991	1,960
April	18,567	3,329	3,571	19,766	5,185	1,710
May	17,647	3,326	3,620	20,587	7,191	1,999
June	18,440	3,085	3,943	20,353	6,611	1,843
July	18,267	3,286	3,985	19,139	5,153	2,103
August	19,086	3,557	4,230	19,713	6,018	2,139
September	18,828	3,596	4,027	19,940	4,982	2,270
October	19,214	3,485	4,117	20,347	5,876	2,189
November	18,715	3,464	3,968	19,860	6,051	2,314
December	19,251	3,838	3,819	21,436	6,254	1,897
1981						
January	18,825	4,295	4,058	23,194	7,359	2,264
February	19,764	3,977	4,155	21,922	8,018	1,742
March	21,434	4,201	4,352	20,949	5,992	2,125
April	19,818	3,604	4,311	22,289	6,919	2,042
May	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
June						
July						
August						
September						
October						
November						
December						

See note on page 80.
 Graphs of these series are shown on page 56.

II **E**

OTHER IMPORTANT ECONOMIC MEASURES

U.S. INTERNATIONAL TRANSACTIONS—Continued

Year and month	E2 GOODS AND SERVICES MOVEMENTS (EXCLUDING TRANSFERS UNDER MILITARY GRANTS)							
	Goods and services			Merchandise, adjusted ¹			Income on investments	
	667. Balance	668. Exports	669. Imports	622. Balance	618. Exports	620. Imports	651. U.S. investments abroad	652. Foreign investments in the United States
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1979	Revised ²	Revised ²	Revised ²	Revised ²	Revised ²	Revised ²	Revised ²	Revised ²
January								
February	2,539	65,424	62,885	-4,730	42,036	46,766	14,111	7,352
March .....	...	...	...	...	...	...	...	...
April								
May	702	68,890	68,188	-7,283	43,834	51,117	15,582	7,949
June .....	...	...	...	...	...	...	...	...
July								
August	2,453	74,718	72,265	-6,974	47,236	54,210	18,055	8,734
September .....	...	...	...	...	...	...	...	...
October								
November	1,312	79,894	78,582	-8,359	51,367	59,726	18,952	9,203
December .....	...	...	...	...	...	...	...	...
1980								
January								
February	-217	85,764	85,981	-10,126	54,898	65,024	20,465	10,629
March .....	...	...	...	...	...	...	...	...
April								
May	787	83,617	82,830	-6,744	55,667	62,411	16,860	10,342
June .....	...	...	...	...	...	...	...	...
July								
August	6,478	86,655	80,177	-2,902	56,252	59,154	18,850	10,697
September .....	...	...	...	...	...	...	...	...
October								
November	3,734	88,636	84,902	-5,570	57,149	62,719	19,764	11,507
December .....	...	...	...	...	...	...	...	...
1981								
January								
February	p4,599	p94,159	p89,560	p-4,602	p61,117	p65,719	p21,420	p12,551
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								

See note on page 80.

Graphs of these series are shown on page 57.

¹Balance of payments basis: Excludes transfers under military grants and Department of Defense sales contracts (exports) and Department of Defense purchases (imports).

²See "New Features and Changes for This Issue," page iii.

OTHER IMPORTANT ECONOMIC MEASURES
INTERNATIONAL COMPARISONS

Year and month	F1 INDUSTRIAL PRODUCTION							
	47. United States, index of industrial production	721. OECD ¹ European countries, index of industrial production	728. Japan, index of industrial production	725. West Germany, index of industrial production	726. France, index of industrial production	722. United Kingdom, index of industrial production	727. Italy, index of industrial production	723. Canada, index of industrial production
	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1979								
January	152.0	154	210.7	159	158	122	152.8	160.8
February	152.5	156	213.4	157	160	131	160.0	161.0
March	153.5	158	213.1	161	163	133	156.0	162.0
April	151.1	158	214.4	161	160	132	156.7	160.3
May	152.7	159	218.2	164	164	134	151.9	162.1
June	153.0	159	218.5	164	164	136	145.1	160.6
July	153.0	162	221.2	167	170	134	150.4	163.1
August	152.1	159	221.8	164	170	130	150.1	163.3
September	152.7	161	220.5	164	167	129	159.4	165.4
October	152.7	162	225.0	166	164	130	166.8	164.7
November	152.3	162	228.1	167	164	132	167.3	163.7
December	152.5	162	228.4	167	166	131	164.7	160.8
1980								
January	152.7	163	230.9	168	166	130	168.9	160.9
February	152.6	r163	r241.0	r167	167	126	176.1	161.2
March	152.1	r163	235.0	r166	166	125	174.6	164.2
April	148.3	r162	r238.2	r164	167	124	176.1	160.6
May	144.0	158	r235.7	r161	160	123	162.3	157.3
June	141.5	159	r234.4	r160	160	123	167.4	155.9
July	140.4	r161	r234.5	r161	166	123	165.2	155.5
August	141.8	r154	r225.3	r157	166	120	141.5	157.2
September	144.1	r155	r233.4	r157	157	117	160.8	159.7
October	146.9	r156	r235.7	r160	160	117	162.9	160.7
November	149.4	156	r232.6	r157	153	117	169.7	161.3
December	151.0	r154	r236.4	r154	161	116	159.5	161.5
1981								
January	151.7	154	r238.3	157	152	115	157.7	160.5
February	151.5	158	r239.8	166	150	116	169.4	r162.3
March	152.2	p156	p237.9	p161	p153	p115	p167.1	164.8
April	r152.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	p166.6
May	p152.8							
June								
July								
August								
September								
October								
November								
December								

See note on page 80.

Graphs of these series are shown on page 58.

¹Organization for Economic Cooperation and Development.

OTHER IMPORTANT ECONOMIC MEASURES
INTERNATIONAL COMPARISONS—Continued

Year and month	F2 CONSUMER PRICES									
	United States		Japan		West Germany		France		United Kingdom	
	320. Index ⁽¹⁾	320c. Change over 6-month spans ¹	738. Index ⁽¹⁾	738c. Change over 6-month spans ¹	735. Index ⁽¹⁾	735c. Change over 6-month spans ¹	736. Index ⁽¹⁾	736c. Change over 6-month spans ¹	732. Index ⁽¹⁾	732c. Change over 6-month spans ¹
	(1967=100)	(Ann. rate, percent)	(1967=100)	(Ann. rate, percent)	(1967=100)	(Ann. rate, percent)	(1967=100)	(Ann. rate, percent)	(1967=100)	(Ann. rate, percent)
1979										
January	204.7	10.6	253.9	1.8	162.9	4.4	245.5	9.8	332.9	11.4
February	207.1	11.4	253.1	3.1	163.6	4.3	247.1	10.4	335.6	11.4
March	209.1	12.2	255.1	4.6	164.4	4.7	249.4	10.9	338.3	13.2
April	211.5	12.9	258.6	7.3	165.3	6.0	251.8	11.9	344.1	21.5
May	214.1	13.0	261.3	7.0	165.7	5.8	254.5	12.6	346.8	21.4
June	216.6	13.6	261.5	5.3	166.6	5.8	256.6	11.7	352.8	22.1
July	218.9	13.9	263.8	6.7	167.7	6.0	260.0	12.7	368.0	23.2
August	221.1	14.0	261.1	6.9	167.8	6.4	262.7	12.4	370.9	23.7
September	223.4	14.4	264.4	6.9	168.3	6.1	264.9	12.8	374.6	21.5
October	225.4	14.9	267.7	6.0	168.7	4.0	268.1	14.2	378.5	15.4
November	227.5	15.4	266.7	8.9	169.3	5.4	269.8	14.7	381.8	16.8
December	229.9	15.8	268.3	10.8	170.1	5.6	272.0	15.6	384.6	17.4
1980										
January	233.2	15.3	270.8	9.9	171.0	5.6	277.2	15.0	394.1	20.4
February	236.4	14.8	273.3	9.5	172.8	5.6	280.2	15.0	399.7	20.5
March	239.8	14.3	275.5	9.9	173.8	5.7	283.4	14.1	405.1	20.5
April	242.5	11.4	280.2	9.5	174.9	6.9	286.7	12.9	419.0	18.5
May	244.9	10.3	282.7	8.2	175.6	5.5	289.3	12.3	422.8	15.8
June	247.6	9.6	283.5	7.2	176.5	4.7	291.1	11.6	426.8	14.1
July	247.8	10.0	284.2	5.6	176.8	4.6	295.5	11.8	430.4	10.6
August	249.4	10.5	283.7	7.3	177.0	5.0	298.4	12.2	431.3	10.4
September	251.7	10.5	288.1	4.3	177.0	5.2	301.0	13.2	434.1	9.9
October	253.9	11.9	288.5	5.7	177.3	4.9	304.3	12.7	436.8	8.2
November	256.2	12.3	289.1	5.2	178.3	5.4	306.4	12.7	440.3	9.7
December	258.4	11.4	287.2	5.2	179.4	6.3	309.1	13.0	442.7	11.1
1981										
January	260.5	10.0	290.7	4.9	180.9	6.6	312.7	13.6	445.5	13.4
February	263.2	9.1	290.9	(NA)	182.3	6.3	315.6	(NA)	449.5	13.0
March	265.1		292.6		183.5		318.8		456.2	
April	266.8		294.9		184.7		323.1		469.4	
May	269.0		(NA)		185.4		(NA)		472.4	
June										
July										
August										
September										
October										
November										
December										

See note on page 80.

Graphs of these series are shown on page 59.

¹Changes over 6-month spans are centered on the 4th month.

OTHER IMPORTANT ECONOMIC MEASURES
INTERNATIONAL COMPARISONS—Continued

Year and month	F2 CONSUMER PRICES—Continued				F3 STOCK PRICES						
	Italy		Canada		19. United States, index of stock prices, 500 common stocks ^u	748. Japan, index of stock prices ^u	745. West Germany, index of stock prices ^u	746. France, index of stock prices ^u	742. United Kingdom, index of stock prices ^u	747. Italy, index of stock prices ^u	743. Canada, index of stock prices ^u
	737. Index ^u	737c. Change over 6-month spans ¹	733. Index ^u	733c. Change over 6-month spans ¹							
	(1967=100)	(Ann. rate, percent)	(1967=100)	(Ann. rate, percent)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1979											
January	305.1	14.5	211.2	10.9	108.5	416.1	135.0	160.9	211.1	52.4	138.4
February	309.7	15.6	213.2	10.1	106.9	409.9	131.9	149.9	212.2	54.8	141.1
March	313.8	15.6	215.7	9.9	108.9	405.7	131.2	155.4	240.8	57.9	150.7
April	317.8	14.9	217.2	9.5	111.0	402.9	130.6	164.5	255.7	54.1	149.5
May	321.3	15.5	219.3	8.5	108.5	411.1	127.8	162.0	255.0	56.8	154.8
June	323.9	17.8	220.3	8.5	110.7	402.3	121.7	171.7	241.0	58.0	168.9
July	326.7	19.2	222.1	7.9	111.7	400.6	122.0	173.7	232.8	58.8	159.4
August	330.6	19.4	222.9	8.8	116.8	408.0	124.3	188.6	233.9	61.7	178.6
September	339.2	21.7	224.9	9.5	118.1	412.5	125.7	207.4	236.3	63.0	191.7
October	345.5	25.8	226.5	10.0	113.6	408.2	123.5	187.5	238.9	62.6	175.2
November	350.3	26.1	228.7	10.4	112.8	403.4	118.3	189.1	215.6	58.6	189.3
December	356.6	23.1	230.1	9.9	117.2	410.8	118.8	186.8	217.1	55.4	199.5
1980											
January	367.9	23.0	231.3	10.3	120.6	420.1	117.2	203.8	224.3	59.8	224.7
February	374.3	22.6	233.3	9.9	125.5	425.5	123.3	207.4	239.4	61.1	256.3
March	378.2	20.4	235.8	10.6	113.9	413.0	118.1	185.4	231.6	61.1	203.2
April	384.3	18.4	237.2	10.0	112.0	417.6	116.5	189.0	228.1	61.0	212.8
May	388.2	18.1	240.0	11.0	117.1	422.9	118.8	201.1	230.3	61.5	216.4
June	391.7	19.6	242.7	11.5	124.6	423.8	120.6	201.4	240.7	64.8	227.5
July	398.7	19.1	244.5	11.7	130.4	424.9	121.2	198.9	255.9	66.0	240.0
August	403.5	21.6	246.8	12.7	134.3	429.1	121.7	199.9	256.7	74.4	232.3
September	411.6	r22.9	249.0	12.0	137.6	437.6	120.0	203.0	262.6	82.7	233.5
October	418.5	r21.2	251.2	14.1	141.7	447.5	120.6	218.0	267.4	93.5	223.3
November	427.3	r21.4	254.3	13.3	147.6	447.8	117.2	215.2	277.5	99.2	235.2
December	r432.5	r20.4	255.8	13.2	145.2	443.5	116.3	206.6	267.6	96.0	219.9
1981											
January	r440.7	20.8	259.1	13.6	144.6	457.9	115.3	191.1	259.0	110.0	223.7
February	r448.6	19.6	261.7	12.0	139.7	458.2	114.0	201.1	269.0	122.1	218.6
March	r454.9		265.2		144.9	467.3	116.3	209.4	273.2	125.9	233.9
April	461.3		267.2		146.2	494.6	122.7	rp208.4	293.2	132.4	p243.8
May	467.8		269.6		143.3	rp493.2	122.1	rp184.7	rp295.8	135.9	rp240.5
June					p143.9	p498.6	p124.6	p157.6	p289.1	p130.3	p243.5
July											
August											
September											
October											
November											
December											

See note on page 80.

Graphs of these series are shown on page 59.

¹Changes over 6-month spans are centered on the 4th month.

C. Historical Data for Selected Series

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
51. PERSONAL INCOME, LESS TRANSFER PAYMENTS, IN 1972 DOLLARS (ANNUAL RATE, BILLIONS OF DOLLARS)													AVERAGE FOR PERIOD				
1948...	336.1	337.6	345.3	343.3	343.8	350.6	349.0	351.9	352.6	354.5	353.8	349.8	339.7	345.9	351.2	352.7	347.4
1949...	344.5	344.2	345.0	343.6	344.1	341.0	339.6	342.4	346.2	340.9	343.6	347.1	344.6	342.9	342.7	343.9	343.5
1950...	353.3	350.3	356.3	360.0	364.8	366.5	371.0	378.8	379.7	382.3	385.1	389.2	353.3	363.8	376.8	385.5	369.8
1951...	386.0	383.8	387.4	393.9	394.1	398.0	396.9	401.6	399.2	402.1	402.1	402.4	385.7	395.3	399.2	402.2	395.6
1952...	398.7	406.1	407.7	405.6	410.5	412.4	408.5	418.2	423.8	423.7	421.9	423.4	404.2	409.5	416.8	423.0	413.4
1953...	426.2	428.0	432.1	432.6	434.8	435.4	434.2	431.4	430.3	432.5	432.8	430.1	428.8	434.3	432.0	431.8	431.7
1954...	426.3	425.7	423.2	421.2	423.3	423.6	423.7	427.6	430.8	432.5	435.7	438.3	425.1	422.7	427.4	435.5	427.7
1955...	439.6	440.7	444.5	448.7	453.4	455.6	461.5	461.8	463.8	467.7	470.0	472.8	441.6	452.6	462.4	470.2	456.7
1956...	471.9	473.4	473.1	478.6	476.8	478.3	473.1	479.7	483.3	487.0	487.0	487.3	472.8	477.9	478.7	487.1	479.1
1957...	485.0	487.1	488.2	488.4	487.2	489.6	490.5	491.5	490.0	489.2	487.1	483.5	486.8	488.4	490.7	486.6	488.1
1958...	479.1	479.3	478.7	474.4	476.1	479.3	488.4	487.0	490.0	491.2	497.7	498.7	479.0	476.6	488.5	495.9	485.0
1959...	496.6	498.6	503.7	507.0	509.4	510.5	510.5	504.9	504.1	504.9	510.0	514.0	499.6	509.0	506.5	511.0	506.5
1960...	520.4	518.1	516.5	519.9	522.5	522.3	521.4	520.6	519.5	520.5	517.5	514.4	518.4	521.6	520.5	517.5	519.5
1961...	519.2	519.2	521.4	522.9	525.8	529.8	530.1	532.7	533.7	538.7	544.2	546.5	519.9	526.2	532.2	543.1	530.4
1962...	544.5	548.0	551.1	554.4	555.0	556.7	558.6	559.2	559.4	560.3	562.4	564.5	547.9	555.4	559.1	562.4	556.2
1963...	563.6	565.1	567.1	569.4	571.7	574.5	575.2	577.3	580.9	583.8	583.8	587.4	565.3	571.9	577.8	585.0	575.0
1964...	581.1	594.0	597.2	601.5	604.9	607.7	610.1	615.3	617.9	617.9	622.7	628.9	593.1	604.7	614.4	623.2	608.8
1965...	630.3	632.4	633.5	637.1	642.9	646.4	648.6	651.2	655.7	661.9	666.7	669.7	632.1	642.1	651.8	666.1	648.0
1966...	670.2	674.0	676.0	677.5	680.9	685.4	687.7	688.7	689.4	692.4	695.1	695.1	673.4	681.3	688.6	694.2	684.0
1967...	700.7	700.7	702.5	704.0	705.1	707.5	710.6	714.1	715.2	713.8	719.3	724.8	701.3	705.5	713.3	719.3	709.9
1968...	723.6	729.3	732.4	735.0	740.5	745.3	750.2	752.9	755.0	756.8	759.8	762.8	728.4	740.4	752.7	759.8	745.3
1969...	763.1	767.4	770.7	773.0	774.6	777.0	781.2	784.9	786.0	786.7	785.0	787.0	767.1	774.9	784.0	786.2	778.0
1970...	785.2	786.7	790.0	793.2	793.2	792.1	793.3	794.7	794.5	786.8	785.8	787.7	787.3	792.8	794.2	786.7	790.3
1971...	794.8	795.5	798.5	799.0	801.4	801.4	799.8	803.5	803.5	806.2	808.9	817.2	796.3	800.0	802.3	810.8	802.3
1972...	824.9	830.0	833.7	832.9	841.6	831.6	845.8	853.1	854.0	862.4	869.4	874.9	829.6	837.5	851.0	868.9	846.7
1973...	878.7	886.0	888.3	888.7	890.0	892.7	898.6	894.8	902.1	905.1	907.6	904.8	884.3	890.5	898.5	905.8	894.8
1974...	894.3	888.1	884.7	883.4	886.6	889.2	889.9	884.7	880.0	880.2	872.4	866.7	889.0	886.4	884.9	871.1	883.4
1975...	860.7	857.3	856.4	856.7	863.9	866.1	865.3	872.3	876.6	879.7	882.7	881.4	858.1	862.2	871.4	881.3	868.3
1976...	897.6	897.4	900.6	905.2	907.6	906.7	910.1	912.0	914.7	915.8	922.8	926.7	896.0	906.5	912.6	921.8	909.2
1977...	926.1	932.8	938.9	940.6	941.1	945.9	950.6	955.6	958.9	972.7	975.8	981.2	932.6	945.4	959.3	976.6	953.5
1978...	978.2	981.5	988.2	997.6	995.6	1000.4	1007.5	1012.0	1015.0	1021.4	1027.8	1038.4	982.6	997.9	1011.5	1029.2	1005.3
1979...	1033.9	1035.8	1040.8	1037.1	1037.5	1043.3	1045.2	1048.4	1046.3	1049.0	1053.6	1055.3	1036.8	1039.3	1046.6	1052.6	1043.8
1980...	1056.5	1050.9	1044.0	1037.6	1036.0	1035.1	1033.8	1036.2	1036.9	1045.5	1051.6	1053.7	1050.5	1036.2	1035.6	1050.3	1043.2
1981...																	

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	AVERAGE FOR PERIOD				
1948...	356.1	357.9	367.4	364.7	363.7	370.5	368.6	371.5	371.9	373.4	372.6	369.2	360.5	366.3	370.7	371.7	367.3
1949...	361.1	364.4	367.0	365.4	365.8	362.9	362.2	365.2	369.6	363.9	366.8	370.9	365.2	364.7	365.7	367.2	365.7
1950...	385.7	389.7	398.8	390.4	389.9	390.5	393.2	399.5	399.7	403.6	405.8	409.4	391.4	390.3	397.5	406.3	396.4
1951...	406.7	403.8	407.2	414.0	414.9	419.2	417.7	422.6	420.0	423.3	422.7	422.3	405.9	416.0	420.1	422.8	416.2
1952...	419.3	426.0	427.7	425.7	431.2	432.9	429.9	440.5	445.7	445.3	443.5	445.4	424.3	429.9	438.5	444.7	434.4
1953...	448.1	449.7	454.1	454.6	456.6	457.8	456.3	453.8	452.4	456.0	455.4	453.2	450.6	456.3	454.2	454.9	454.0
1954...	449.6	449.8	448.0	446.2	448.3	448.6	448.6	448.3	448.6	447.7	445.3	447.7	443.1	447.7	445.3	445.4	444.4
1955...	466.0	467.2	471.7	475.7	480.5	482.9	488.8	489.2	491.3	495.3	497.5	500.6	468.3	479.7	489.8	497.8	483.9
1956...	500.0	501.4	501.2	506.8	505.2	506.7	501.5	508.6	512.3	516.0	515.9	516.4	500.9	506.2	507.5	516.1	507.7
1957...	514.9	517.3	518.8	519.6	519.6	521.9	522.7	523.6	522.1	522.9	520.9	517.9	517.0	520.4	522.8	520.6	520.2
1958...	519.8	514.4	514.6	514.6	514.6	517.2	526.8	525.7	528.6	529.8	535.2	536.3	514.5	514.6	517.0	531.8	522.5
1959...	534.3	536.7	541.8	549.9	547.1	548.3	548.5	542.7	542.5	543.5	549.4	557.2	537.6	546.8	544.6	550.0	544.7
1960...	558.9	556.9	555.7	559.2	562.1	562.5	561.6	561.2	560.7	561.7	559.4	556.9	557.2	561.3	561.2	559.3	559.7
1961...	562.4	564.5	566.3	567.3	571.4	576.6	577.4	577.9	578.4	583.5	588.1	591.9	564.4	571.8	577.9	588.2	575.6
1962...	590.0	593.4	596.9	599.7	600.3	602.2	604.3	605.2	605.0	607.3	608.8	610.6	593.4	600.7	604.8	608.9	602.0
1963...	615.3	611.8	614.1	616.5	618.9	622.1	622.6	624.8	628.1	631.8	631.7	636.2	613.7	619.2	621.5	633.2	622.9
1964...	639.4	642.5	645.9	650.5	654.0	656.6	659.4	664.6	667.4	667.3	672.0	678.9	642.6	650.7	663.8	679.3	658.2
1965...	683.6	682.4	683.5	687.5	693.1	696.6	699.4	701.2	719.4	714.7	719.9	723.3	683.2	692.4	706.7	719.3	700.4
1966...	724.4	728.7	730.7	731.9	734.9	739.1	741.8	744.5	748.1	751.2	755.4	756.5	727.9	735.3	744.8	754.4	740.6
1967...	763.1	764.2	767.4	768.0	769.3	771.9	775.8	779.3	780.1	779.3	785.1	790.8	764.9	769.7	778.4	785.1	774.5
1968...	789.8	795.8	801.9	805.8	811.3	816.1	821.6	825.2	827.2	829.2	832.3	835.7	795.8	811.1	824.7	834.0	816.0
1969...	836.8	841.9	845.9	848.1	849.8	852.0	856.7	860.6	861.7	863.1	861.3	863.9	841.4	850.0	859.7	862.8	853.4
1970...	862.7	865.1	868.9	868.4	879.0	878.2	880.3	882.8	884.5	878.3	876.7	879.6	865.6	881.2	882.5	878.2	876.9
1971...	886.5	888.2	892.0	892.6	89												

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
53. WAGE AND SALARY INCOME IN MINING, MANUFACTURING, AND CONSTRUCTION IN 1972 DOLLARS (ANNUAL RATE, BILLIONS OF DOLLARS)																	
													AVERAGE FOR PERIOD				
1948...	99.8	99.4	101.3	98.3	99.6	100.6	100.8	102.2	102.0	102.4	103.2	102.7	100.2	99.5	101.7	102.8	101.0
1949...	101.6	100.9	98.7	97.2	96.6	94.9	96.0	95.3	96.3	92.6	93.7	95.9	100.4	96.2	95.9	94.1	96.6
1950...	98.0	96.9	100.7	103.1	105.4	106.7	109.4	112.0	112.1	115.0	116.3	116.0	98.5	105.1	111.2	115.8	107.6
1951...	115.5	115.1	116.9	118.7	118.3	119.4	119.6	119.4	119.0	117.9	118.6	119.8	115.8	118.8	119.3	118.8	118.2
1952...	120.8	121.9	122.9	121.1	122.0	120.6	115.9	124.6	129.4	130.6	132.1	134.4	121.9	121.2	123.3	132.4	124.7
1953...	135.1	136.5	137.7	137.8	138.0	137.0	137.6	136.6	134.2	134.3	133.0	131.5	136.4	137.6	136.1	132.9	135.8
1954...	129.7	129.7	129.0	128.6	128.6	128.2	127.6	127.7	127.7	130.1	132.7	133.3	129.5	129.5	127.7	132.0	129.4
1955...	134.1	135.4	137.4	138.6	141.1	141.8	142.7	142.9	143.4	145.0	146.9	147.3	135.6	140.5	143.0	146.4	141.4
1956...	148.1	148.2	148.9	151.3	149.8	150.2	147.1	150.9	152.5	153.8	153.2	155.1	148.4	150.4	150.2	154.0	150.8
1957...	153.6	154.4	153.8	152.2	151.6	152.1	151.3	151.3	149.8	148.8	147.5	145.3	153.9	152.1	150.8	147.2	151.0
1958...	142.8	139.4	118.3	136.0	136.0	137.5	139.2	141.3	142.8	142.1	147.1	147.7	140.2	136.5	141.1	145.6	140.8
1959...	149.0	150.1	152.6	154.4	156.2	156.9	156.1	152.0	151.6	150.6	152.2	156.8	150.6	155.8	153.2	153.2	153.2
1960...	158.9	159.1	158.3	157.5	158.0	156.7	156.4	155.2	154.1	153.7	151.9	148.9	138.6	157.4	155.2	151.5	155.7
1961...	150.3	149.8	150.5	151.8	153.2	155.3	155.4	156.4	157.7	157.6	160.0	160.8	158.2	153.4	155.5	159.5	154.7
1962...	159.9	161.3	162.6	164.5	164.0	164.4	165.0	164.7	165.2	164.8	165.4	165.8	161.4	164.3	165.0	165.3	164.0
1963...	166.1	165.9	166.2	167.1	168.5	169.1	169.1	169.1	170.5	171.0	171.4	172.6	166.1	168.2	169.6	171.7	168.9
1964...	171.0	174.3	175.3	176.6	177.0	177.6	178.8	180.4	181.5	178.9	181.5	184.3	173.5	177.1	180.2	181.6	178.1
1965...	184.7	186.4	188.9	185.9	187.5	188.0	188.5	189.9	190.5	192.5	194.1	195.8	186.0	187.1	189.6	194.1	189.2
1966...	196.7	198.4	199.8	201.5	202.0	204.1	204.3	205.1	205.6	205.8	206.1	206.2	198.3	202.5	205.0	206.0	203.0
1967...	207.3	205.2	205.8	205.5	204.9	205.6	206.1	207.8	206.3	205.7	206.9	210.5	206.1	205.3	206.7	208.4	206.6
1968...	210.5	213.4	213.7	214.6	216.4	216.4	216.6	216.3	217.6	218.7	219.9	220.6	212.5	215.8	216.8	219.7	216.2
1969...	221.1	221.2	222.6	223.0	223.9	224.4	224.7	225.1	225.1	224.8	225.6	223.0	221.6	223.8	225.0	223.5	223.5
1970...	220.6	219.7	220.4	217.8	215.2	215.3	217.7	218.6	212.3	218.8	220.2	216.4	220.2	216.2	217.4	216.2	214.4
1971...	210.1	209.7	210.1	210.8	212.3	211.3	210.9	210.3	210.5	211.1	211.5	214.4	210.0	211.5	210.6	212.3	211.1
1972...	216.6	218.4	220.6	221.6	221.9	223.3	221.1	223.7	224.9	227.4	228.8	230.0	218.5	221.9	223.2	228.7	223.1
1973...	232.3	234.7	233.9	234.2	234.2	235.0	237.2	233.4	235.0	235.5	236.2	236.2	233.6	234.5	235.2	236.0	234.8
1974...	235.1	236.3	240.5	241.2	240.9	240.9	230.1	229.3	227.6	230.9	229.7	218.4	232.2	229.0	229.0	228.6	228.6
1975...	213.2	208.3	206.8	205.9	207.0	206.9	205.8	208.9	210.1	210.7	211.1	213.0	209.4	206.6	208.3	211.6	209.0
1976...	216.6	218.0	219.1	220.2	221.0	220.2	221.2	221.6	221.8	221.2	224.0	224.9	217.9	220.5	221.5	223.4	220.8
1977...	221.5	225.0	228.1	230.0	231.7	233.5	233.9	234.0	235.4	236.7	236.6	236.0	224.9	231.7	234.4	236.5	231.9
1978...	235.1	236.3	240.5	241.2	240.9	240.9	230.1	229.3	227.6	230.9	229.7	218.4	232.2	229.0	229.0	228.6	228.6
1979...	251.1	251.3	252.6	251.4	249.5	248.2	247.3	245.1	244.4	242.9	241.5	241.7	251.7	249.7	245.6	249.0	244.3
1980...	240.6	239.2	236.3	231.9	228.2	225.1	224.2	226.2	227.7	229.4	231.5	232.1	238.7	238.4	226.0	231.0	231.0
1981...																	
62. INDEX OF LABOR COST PER UNIT OF OUTPUT, TOTAL MANUFACTURING (1967=100)																	
													AVERAGE FOR PERIOD				
1948...	78.6	78.4	79.3	78.6	78.3	78.5	79.8	80.9	81.4	80.8	82.3	81.7	78.8	78.5	80.7	81.6	79.9
1949...	81.7	82.0	81.1	81.2	81.8	81.1	80.9	79.8	79.8	79.6	78.5	79.3	78.6	78.5	80.7	81.6	79.9
1950...	79.4	79.2	78.5	77.8	78.3	77.2	76.8	76.6	77.6	79.8	81.1	81.6	79.0	77.8	77.1	80.9	78.7
1951...	81.7	83.0	83.8	85.3	85.6	86.7	87.8	88.7	88.7	88.3	88.8	89.5	82.8	85.9	88.4	88.9	86.5
1952...	89.2	89.2	89.7	89.6	90.6	91.1	89.2	89.9	90.1	90.2	89.7	90.7	89.4	90.5	89.7	90.2	90.0
1953...	90.5	90.6	91.2	91.3	91.0	91.6	91.3	90.9	91.1	92.1	93.0	94.4	90.8	91.3	91.1	93.2	91.6
1954...	94.3	94.3	94.7	94.5	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.0	93.1	93.2	93.7
1955...	91.4	91.7	90.6	90.1	90.1	90.2	90.6	91.0	91.2	91.0	92.3	91.6	91.3	90.1	90.9	91.6	91.6
1956...	92.1	92.5	93.2	93.1	93.7	94.3	97.7	95.7	95.4	96.1	96.4	96.3	92.6	93.7	96.3	96.3	94.7
1957...	96.4	95.9	96.1	97.1	97.2	96.9	96.9	97.6	97.1	98.2	100.2	100.7	96.2	97.1	97.2	99.7	97.5
1958...	101.2	101.8	102.6	102.8	101.7	100.0	100.2	99.6	100.0	98.8	98.6	99.2	101.9	101.5	100.0	99.9	100.6
1959...	98.5	97.8	97.8	97.8	97.1	97.0	97.6	99.2	100.6	101.1	101.6	101.6	98.5	98.0	97.2	100.3	100.6
1960...	97.5	98.7	99.9	100.0	100.8	101.4	100.9	100.6	101.1	101.4	102.4	102.4	98.7	100.7	100.9	102.1	100.6
1961...	103.1	103.4	102.7	101.4	101.1	100.3	99.8	99.3	98.6	98.8	98.8	98.1	103.1	101.0	99.3	98.6	100.5
1962...	99.7	99.1	99.3	100.3	100.4	100.6	100.1	100.0	99.7	99.9	99.6	99.6	99.4	100.5	99.9	99.7	99.9
1963...	99.3	99.8	98.5	97.2	97.1	97.5	98.3	97.8	97.7	97.5	97.8	98.6	98.9	97.3	98.0	98.0	98.0
1964...	97.4	97.8	98.5	97.6	97.6	97.9	97.8	98.0	98.5	98.3	97.0	96.9	97.9	97.9	98.1	97.4	97.8
1965...	96.3	96.3	95.8	95.2	95.0	95.1	94.4	94.8	94.9	95.3	96.0	95.6	96.1	95.2	94.7	95.6	95.4
1966...	95.8	96.8	96.4	97.0	97.0	97.4	97.3	98.3	98.2	97.9	99.2	98.7	96.1	97.1	97.9	98.6	97.5
1967...	99.3	99.3	100.3	99.5	100.0	100.3	100.9	101.0	100.4	99.7	99.7	100.0	99.7	100.8	99.8	99.8	100.0
1968...	100.9	101.5	101.8	102.2	102.1	102.2	102.8	102.9	103.6	104.5	104.0	104.9	101.4	102.2	103.1	104.5	102.8
1969...	104.7	104.6	105.2	106.0	106.9	106.8	106.9	107.7	108.0	108.2	108.6	109.8	104.8	106.6	107.5	108.9	107.0
1970...	111.8	111.5	112.4	112.2	112.1	112.6	112.8	112.9	112.9	112.9	112.8	112.8	111.9	112.3	112.9	112.8	112.5
1971...	113.1	113.3	113.6	113.4	113.4	113.1	112.6	114.2	112.4	112.0	111.9	111.3	113.3	113.3	113.1	112.4	113.0
1972...	112.5	113.7	114.1	113.3	113.7	113.7	113.2	113.1	113.2	113.1	113.1	113.1	113.4	113.6	113.2	113.4	113.0
1973...	115.0	115.7	115.7	116.8	116.3	116.9	117.2	117.6	117.8	118.9	119.9	120.8	115.3	116.7	117.5	119.9	117.4
1974...	122.4	123.2	123.5	124.4	125.2	125.7	126.8	127.6	128.4	131.6	135.5	140.8	123.0	125.1	127.6	136.0	127.9
1975...	144.1	145.6	147.7	145.9	145.7												

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
330. INDEX OF PRODUCER PRICES, ALL COMMODITIES ⁽¹⁹⁶⁷⁼¹⁰⁰⁾													AVERAGE FOR PERIOD				
1948...	82.9	81.3	81.3	82.0	82.4	83.0	83.7	84.3	84.2	83.3	83.1	82.6	81.8	82.5	84.1	83.0	82.8
1949...	82.6	80.3	80.1	79.3	78.6	77.9	77.8	77.9	78.0	77.7	77.7	77.6	80.7	78.6	77.9	77.7	78.7
1950...	77.6	78.0	78.1	78.1	79.1	79.5	81.7	83.5	85.0	85.5	86.7	89.0	77.9	78.9	83.4	87.1	81.8
1951...	91.2	92.5	92.5	92.3	92.0	91.3	90.7	90.2	90.0	90.2	90.2	90.1	92.1	91.9	90.3	90.2	91.1
1952...	89.7	89.3	89.2	88.7	88.6	88.2	88.7	89.1	88.7	88.2	87.8	87.0	89.4	88.5	88.8	87.7	88.6
1953...	87.2	87.0	87.3	86.8	87.2	86.9	87.0	87.7	88.1	87.5	87.2	87.4	87.2	87.0	87.9	87.4	87.4
1954...	88.0	87.7	87.7	88.1	88.0	87.3	87.7	87.7	87.3	87.1	87.3	86.9	87.8	87.8	87.6	87.1	87.6
1955...	87.4	87.7	87.3	87.7	87.2	87.6	87.7	88.0	88.7	88.6	88.2	88.3	87.5	87.5	88.1	88.4	87.8
1956...	88.8	89.2	89.5	90.2	90.8	90.7	90.5	91.0	91.7	91.7	92.0	92.3	89.2	90.6	91.1	92.0	90.7
1957...	92.7	92.8	92.7	93.0	92.9	93.2	93.8	94.0	93.7	93.5	93.7	94.1	92.7	93.0	93.8	93.8	93.3
1958...	94.3	94.4	95.0	94.7	94.8	94.6	94.6	94.5	94.5	94.4	94.6	94.6	94.6	94.7	94.5	94.5	94.6
1959...	94.8	94.8	94.9	95.2	95.2	95.0	94.8	94.5	95.0	94.5	94.3	94.3	94.8	95.1	94.8	94.4	94.8
1960...	94.7	94.7	95.2	95.2	95.0	94.8	95.0	94.6	94.6	94.9	94.9	94.8	94.9	95.0	94.7	94.9	94.9
1961...	95.2	95.2	95.2	94.7	94.3	93.8	94.2	94.3	94.3	94.3	94.3	94.6	95.2	94.3	94.3	94.4	94.5
1962...	95.0	94.9	94.9	94.6	94.4	94.3	94.6	94.7	95.4	94.8	94.9	94.6	94.9	94.4	94.9	94.8	94.8
1963...	94.7	94.4	94.2	94.0	94.3	94.5	94.8	94.6	94.5	94.7	94.9	94.5	94.4	94.3	94.6	94.7	94.5
1964...	95.2	94.7	94.6	94.5	94.3	94.3	94.6	94.5	94.5	95.0	94.9	94.9	94.8	94.4	94.7	94.9	94.7
1965...	95.2	95.4	95.5	95.9	96.2	96.9	97.0	97.0	97.1	97.2	97.5	98.1	95.4	96.3	97.0	97.6	96.6
1966...	98.6	99.3	99.3	99.4	99.5	99.6	100.3	100.7	100.7	100.1	99.8	99.8	99.1	99.5	100.6	99.9	99.8
1967...	100.1	99.9	99.6	99.2	99.7	100.2	100.3	100.0	100.1	100.1	100.1	100.8	99.9	99.7	100.1	100.3	100.0
1968...	101.1	101.9	102.1	102.1	102.4	102.5	102.8	102.5	102.9	102.9	103.3	103.6	101.7	102.3	102.7	103.3	102.5
1969...	104.3	104.8	105.4	105.5	106.3	106.8	107.0	106.9	107.1	107.4	108.1	108.6	104.8	106.2	107.0	108.0	106.5
1970...	109.3	109.7	109.9	110.0	110.0	110.4	110.9	110.4	111.0	110.9	110.9	111.0	109.6	109.6	110.1	110.8	110.4
1971...	111.8	112.8	113.1	113.4	113.9	114.4	114.7	115.1	114.6	114.5	114.6	115.6	112.6	113.9	114.8	114.9	113.9
1972...	116.3	117.3	117.4	117.5	118.2	118.8	119.7	119.9	120.2	120.0	120.7	122.9	117.0	118.2	119.9	121.2	119.1
1973...	124.5	126.9	129.8	130.5	132.2	136.0	134.3	142.1	139.7	138.7	139.2	141.8	127.1	133.2	138.7	139.9	134.7
1974...	146.6	149.5	151.4	152.7	155.0	155.7	161.7	167.4	167.2	170.2	171.9	171.5	149.2	154.5	165.4	171.2	160.1
1975...	171.8	171.3	170.4	172.1	173.2	173.7	175.7	176.7	177.7	178.9	178.2	178.7	171.2	173.0	176.7	178.6	174.9
1976...	179.4	179.4	179.7	181.3	181.9	183.2	184.4	183.8	184.8	185.3	185.6	187.1	179.5	182.1	184.3	186.0	183.0
1977...	188.1	190.2	192.0	194.3	195.2	194.5	194.8	194.6	195.3	196.3	197.1	198.2	190.1	194.7	194.9	197.2	194.2
1978...	200.1	202.1	203.7	206.5	208.0	209.6	210.7	210.6	212.4	214.9	215.7	217.5	202.0	208.0	211.2	216.0	209.3
1979...	220.8	224.1	226.7	230.0	232.0	233.5	236.9	238.3	242.0	245.6	247.2	249.7	223.9	231.8	239.1	247.5	235.6
1980...	254.9	260.2	261.9	262.8	264.2	265.6	270.4	273.8	274.6	277.8	279.1	280.8	259.0	264.2	272.9	279.2	268.8
1981...																	
330-C. CHANGE IN INDEX OF PRODUCER PRICES, ALL COMMODITIES, OVER 1-MONTH SPANS ^(MONTHLY RATE, PERCENT)													AVERAGE FOR PERIOD				
1948...	1.8	-1.9	0.	0.9	0.5	0.7	-0.8	0.7	-0.1	-1.1	-0.2	-0.6	0.	0.7	0.5	-0.6	0.1
1949...	-1.2	-1.6	-0.2	-1.0	-0.9	-0.9	-0.1	0.1	0.1	-0.4	0.	-0.1	-1.0	-0.9	0.	-0.2	-0.5
1950...	0.	0.5	0.1	0.	1.3	0.5	2.8	2.2	1.8	0.6	1.4	2.7	0.2	0.6	2.3	1.6	1.2
1951...	2.5	1.4	0.	-0.2	-0.3	-0.8	-0.7	-0.6	-0.2	0.2	0.	-0.1	1.3	-0.4	-0.5	0.	0.1
1952...	-0.4	-0.4	-0.1	-0.6	-0.1	-0.5	0.6	0.5	-0.4	-0.6	-0.5	-0.9	-0.3	-0.4	0.2	-0.7	-0.3
1953...	0.2	-0.2	0.3	-0.6	0.5	-0.3	1.3	-0.3	0.5	-0.7	-0.3	0.2	0.1	-0.1	0.5	-0.3	0.
1954...	0.7	-0.3	0.	0.	0.5	-0.1	-0.8	0.5	0.	-0.5	-0.2	0.2	-0.5	0.1	-0.1	0.	-0.2
1955...	0.6	0.3	-0.5	0.5	-0.6	0.	0.5	0.1	0.3	-0.8	-0.1	-0.5	0.1	0.1	0.4	-0.2	0.1
1956...	0.6	0.5	0.3	0.8	0.7	-0.1	-0.2	0.6	0.8	0.	0.3	0.3	0.5	0.5	0.4	0.2	0.4
1957...	0.4	0.1	-0.1	0.3	-0.1	0.3	0.6	0.2	-0.3	-0.2	0.2	0.4	0.1	0.2	0.2	0.1	0.2
1958...	0.2	0.1	0.6	-0.3	0.1	-0.2	0.	-0.1	0.	-0.1	0.2	0.	0.3	-0.1	0.	0.	0.
1959...	0.2	0.	0.1	0.3	0.	-0.2	-0.2	-0.3	0.5	-0.5	-0.2	0.	0.1	0.	0.	-0.2	0.
1960...	0.4	0.	0.5	0.	-0.2	-0.2	0.2	-0.4	0.	0.3	0.	-0.1	0.3	-0.1	-0.1	0.1	0.
1961...	0.4	0.	0.	-0.5	-0.4	-0.5	0.4	0.1	0.	0.	0.	0.3	0.1	-0.5	0.2	0.1	0.
1962...	0.4	-0.1	0.	-0.3	-0.2	-0.1	0.3	0.1	0.7	-0.6	0.1	-0.3	0.1	-0.2	0.4	-0.3	0.
1963...	0.1	-0.3	-0.2	-0.2	0.3	0.2	0.3	0.2	-0.1	0.2	0.2	-0.4	-0.1	0.1	0.	0.	0.
1964...	0.7	-0.5	-0.1	-0.1	-0.2	0.	0.3	-0.1	0.4	0.1	-0.1	0.	0.	-0.1	0.2	0.	0.
1965...	0.3	0.2	0.1	0.4	0.3	0.7	0.1	0.	0.1	0.1	0.3	0.6	0.2	0.5	0.1	0.3	0.3
1966...	0.5	0.7	0.	0.1	0.1	0.1	0.7	0.4	0.	-0.6	-0.3	0.	-0.4	0.1	0.4	-0.3	0.1
1967...	0.3	-0.2	-0.3	-0.4	0.5	0.5	0.1	-0.3	0.1	0.	0.7	0.7	-0.1	0.2	0.2	0.1	0.1
1968...	0.3	0.8	0.2	0.	0.3	0.1	0.3	-0.3	0.4	0.	0.4	0.3	0.4	0.1	0.1	0.2	0.2
1969...	0.7	0.5	0.6	0.1	0.8	0.5	0.2	-0.1	0.2	0.3	0.7	0.5	0.6	0.5	0.1	0.5	0.4
1970...	0.6	0.4	0.2	0.1	0.	0.4	0.5	-0.5	0.5	-0.1	0.	0.1	0.4	0.2	0.2	0.	0.2
1971...	0.7	0.9	0.3	0.3	0.4	0.4	0.3	0.3	-0.4	-0.1	0.1	0.9	0.6	0.4	0.1	0.3	0.3
1972...	0.4	0.9	0.1	0.5	0.8	0.1	0.5	0.8	-0.2	0.3	-0.2	0.6	1.8	0.5	0.4	0.7	0.7
1973...	1.3	1.9	2.3	0.5	2.1	2.1	-1.3	5.8	-1.7	-0.7	0.4	1.9	1.8	1.6	0.9	0.5	1.2
1974...	3.4	2.0	1.3	0.9	1.5	0.5	3.9	3.5	-0.1	1.8	1.0	-0.2	2.2	1.0	2.4	0.9	1.6
1975...	0.2	-0.3	-0.5	1.0	0.6	0.3	1.2	0.6	0.6	0.7	-0.4	0.3	-0.2	0.6	0.8	0.2	0.4
1976...	0.1	0.2	0.2	0.7	0.3	0.7	0.7	0.3	0.5	0.3	0.2	0.8	0.2	0.6	1.6	0.4	0.4
1977...	0.5	1.1	0.9	1.2	0.5	-0.4	0.2	-0.1	0.4	0.5	0.4	0.6	0.4	0.8	0.2	0.5	0.5
1978...	1.0	1.0	0.8	1.4	0.7	0.8	0.5	0.	0.9	1.2	0.4	0.8	0.9	1.0	0.5	0.8	0.8
1979...	1.5	1.5	1.2	1.5	0.9	0.6	1.5	0.6	1.6	1.5	0.7	1.0	1.4	1.0	1.2	1.1	1.2
1980...	2.1	2.1	0.7	0.3	0.5	0.5	1.8	1.3	0.3	1.2	0.5	0.6	1.6	0.4	1.1	0.8	1.0
1981...																	

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
331. INDEX OF PRODUCER PRICES, CRUDE MATERIALS FOR FURTHER PROCESSING ¹ (1967=100)													AVERAGE FOR PERIOD				
1948...	115.9	109.9	107.1	109.3	112.9	115.5	115.1	113.5	111.3	108.0	107.0	105.5	111.0	112.6	113.3	106.8	110.9
1949...	102.1	99.0	98.1	96.5	96.1	95.0	93.2	93.4	94.2	94.4	94.8	94.8	99.7	95.9	93.6	94.7	96.0
1950...	94.6	97.4	96.8	97.3	100.9	102.6	106.4	108.5	110.3	110.3	113.1	117.1	96.3	100.3	108.4	113.5	104.6
1951...	121.8	126.4	125.0	124.8	122.9	121.7	117.4	115.6	114.7	117.4	116.3	116.7	124.4	123.1	115.9	116.8	120.1
1952...	114.5	113.3	111.7	111.5	111.3	110.7	110.6	110.8	108.2	107.8	107.6	105.1	113.2	111.2	109.9	106.8	110.3
1953...	104.1	103.4	103.7	101.0	101.8	100.3	103.4	101.4	102.2	100.3	99.8	101.2	103.7	101.0	102.3	100.4	101.9
1954...	102.5	102.3	102.6	103.0	102.6	100.7	100.2	99.9	99.0	99.7	100.3	98.6	102.5	102.1	99.7	99.5	101.0
1955...	99.3	98.9	98.0	98.8	96.2	98.1	97.2	96.1	97.3	97.0	94.0	94.2	98.7	97.7	96.9	95.1	97.1
1956...	94.1	95.5	95.1	96.7	98.0	97.4	97.3	99.0	99.1	98.9	99.3	101.0	94.9	97.4	98.5	99.7	97.6
1957...	100.1	99.0	98.5	98.3	98.0	100.5	102.2	102.4	99.7	99.1	99.5	100.6	99.2	98.9	101.4	99.7	99.8
1958...	100.3	101.9	103.3	101.8	103.6	102.2	102.6	101.9	101.2	101.8	102.7	101.0	101.8	102.5	101.9	101.8	102.0
1959...	100.9	100.4	100.6	101.3	100.5	100.0	99.0	98.2	98.8	98.0	97.5	97.0	100.6	100.6	98.7	97.5	99.4
1960...	97.1	97.2	98.1	98.1	98.3	97.3	97.2	95.2	95.7	96.6	96.5	96.9	97.5	97.9	96.0	96.7	97.0
1961...	97.1	97.5	96.9	96.5	95.5	94.0	95.0	97.3	96.6	96.9	96.6	97.8	97.2	95.3	96.3	97.1	96.5
1962...	97.9	97.7	97.4	96.3	96.1	95.7	96.6	97.3	99.7	98.3	98.9	98.0	97.7	96.0	97.9	98.4	97.5
1963...	96.9	95.7	94.4	95.0	94.7	95.5	95.9	95.5	95.3	95.7	96.5	93.8	95.7	95.1	95.6	95.3	95.4
1964...	95.1	94.0	94.4	94.3	94.0	92.9	93.4	93.8	96.1	95.3	95.5	95.3	94.5	93.7	94.4	95.4	94.5
1965...	94.4	95.6	95.9	97.0	98.5	100.9	99.7	100.6	100.4	101.3	102.5	104.6	95.3	98.8	100.2	102.8	99.3
1966...	105.5	107.6	107.0	106.4	105.6	105.5	106.7	107.3	106.8	105.1	103.2	102.3	106.7	105.8	106.9	103.5	105.7
1967...	102.9	100.5	99.2	98.1	99.2	100.2	99.9	100.0	99.6	100.1	99.5	100.6	100.9	99.2	99.8	100.1	100.0
1968...	102.0	100.5	101.0	101.4	100.7	100.1	101.1	101.3	102.0	102.4	104.8	103.5	100.6	100.7	101.5	103.6	101.6
1969...	104.0	103.0	104.6	105.8	108.7	110.1	109.0	110.0	109.8	111.1	112.5	112.1	103.9	108.2	109.6	111.9	108.4
1970...	112.2	112.3	113.6	113.5	111.7	111.8	112.1	111.0	113.4	113.4	112.0	110.3	112.7	112.3	112.2	111.9	112.3
1971...	111.3	114.6	113.1	115.1	115.0	115.5	114.6	114.4	113.9	116.3	118.3	118.9	113.0	115.2	114.3	117.8	115.0
1972...	120.6	121.8	121.7	123.7	125.4	126.0	127.9	128.8	129.3	130.7	134.2	140.0	121.4	125.0	128.7	135.0	127.6
1973...	143.8	150.5	157.4	159.9	167.8	175.6	167.6	204.8	194.4	186.9	188.6	188.9	150.6	167.8	188.9	188.1	173.9
1974...	202.3	205.5	198.9	193.6	186.1	176.9	190.9	200.8	194.6	202.0	205.0	196.6	202.2	185.5	195.4	201.2	196.1
1975...	190.3	185.0	182.4	190.1	195.4	196.4	199.4	201.3	206.0	208.0	205.6	204.6	185.9	194.0	202.2	206.1	196.9
1976...	201.4	198.4	196.6	204.1	203.2	208.3	207.1	203.2	202.6	201.3	202.5	205.9	198.8	205.2	204.3	203.2	205.1
1977...	204.9	209.6	212.7	218.5	216.3	209.5	206.8	203.4	203.6	204.8	209.0	212.7	209.1	214.8	204.6	208.8	214.3
1978...	217.8	218.4	223.3	231.0	232.5	239.1	237.5	234.5	240.4	246.4	247.5	249.9	218.5	234.2	237.5	247.9	240.2
1979...	255.3	261.4	266.5	271.2	271.4	274.6	277.4	272.4	281.1	283.7	287.2	290.9	261.1	272.4	277.0	287.3	282.2
1980...	288.8	295.1	288.4	283.1	286.1	288.3	303.6	317.5	321.8	327.2	330.7	328.1	290.8	285.8	314.3	328.7	304.6
1981...																	
331-C. CHANGE IN INDEX OF PRODUCER PRICES, CRUDE MATERIALS FOR FURTHER PROCESSING, OVER 1-MONTH SPANS ¹ (MONTHLY RATE, PERCENT)													AVERAGE FOR PERIOD				
1948...	2.7	-5.2	-2.5	2.1	3.3	2.3	-0.3	-1.4	-1.9	-3.0	-0.9	-1.4	-1.7	2.6	-1.2	-1.8	-0.5
1949...	-3.2	-3.0	-0.9	-1.6	-0.4	-1.1	-1.9	0.2	0.9	0.2	0.4	0.1	-2.4	-1.0	-0.3	0.2	-0.9
1950...	-0.2	3.0	-0.6	0.5	3.7	1.7	3.7	2.0	1.7	0.1	2.5	3.5	0.7	2.0	2.5	2.0	1.8
1951...	4.0	3.8	-1.1	-0.2	-1.5	-1.0	-3.5	-1.5	-0.8	2.4	-0.9	0.3	2.2	-0.9	-1.9	0.6	0.1
1952...	-1.9	-1.0	-1.4	-0.2	-0.2	-0.5	-0.1	0.2	-2.3	-0.4	-0.2	-2.3	-1.4	-0.3	-0.7	-1.0	-0.9
1953...	-1.0	-0.7	0.3	-2.8	0.8	-1.2	3.1	-1.5	0.8	-1.9	-0.5	1.4	-0.5	-1.1	0.7	-0.3	-0.3
1954...	1.3	-0.2	0.3	0.4	-0.4	-1.9	-0.5	-0.3	-0.9	-0.7	0.6	-1.7	0.5	-0.6	-0.6	-0.1	-0.2
1955...	0.7	-0.4	-0.9	0.8	-2.6	2.0	-0.9	-1.1	1.2	-0.3	-3.1	0.2	-0.2	0.1	-0.3	0.1	-0.4
1956...	-0.1	1.5	-0.4	1.7	1.3	-0.6	-0.1	1.7	0.1	-0.2	0.4	1.7	0.3	0.8	0.6	0.6	0.6
1957...	-0.9	-1.1	-0.5	-0.2	-0.3	2.6	1.7	0.2	-2.6	-0.6	0.4	1.1	-0.8	0.7	-0.2	0.3	0.1
1958...	-0.3	1.6	1.4	-1.5	1.8	1.4	0.4	-0.7	-0.7	0.6	0.9	-1.7	0.9	-0.4	-0.3	-0.1	0.1
1959...	-0.1	-0.5	0.2	0.7	-0.8	-0.5	-1.0	-0.6	0.8	-0.8	-0.5	-0.5	-0.1	-0.2	-0.4	-0.3	-0.3
1960...	0.1	0.1	0.9	0.1	0.2	-1.0	-0.1	-2.1	0.5	0.9	-0.1	0.4	0.4	-0.3	-0.6	0.4	0.1
1961...	0.2	0.4	-0.6	0.4	-1.0	-1.6	1.1	2.4	0.7	0.3	-0.3	1.2	0.1	-1.0	0.9	0.4	0.1
1962...	0.1	-0.2	-0.3	-1.1	-0.2	-0.4	0.9	0.7	2.5	-1.4	0.6	-0.9	-0.1	-0.6	1.4	-0.6	0.1
1963...	-1.1	-1.2	-1.4	0.6	-0.3	0.8	0.4	-0.4	-0.2	0.4	0.8	-2.8	-1.2	0.4	-0.1	-0.5	-0.4
1964...	1.4	-1.2	0.4	-0.1	-0.3	-1.2	0.5	0.4	2.5	-0.8	0.2	-0.2	0.2	-0.5	1.1	-0.3	0.1
1965...	-0.9	1.3	0.3	1.1	1.5	2.4	-1.2	0.9	-0.2	0.9	1.2	2.0	0.2	1.7	-0.2	1.4	0.8
1966...	0.9	2.0	-0.6	-0.6	-0.8	-0.1	1.1	0.6	-0.5	-1.6	-1.8	-0.9	0.8	-0.5	0.4	-1.4	-0.2
1967...	-0.6	-2.3	1.3	-1.1	1.1	1.0	-0.3	0.1	-0.4	0.5	-0.6	1.1	-1.0	0.3	-0.2	0.3	-0.1
1968...	-0.4	0.3	0.5	0.4	-0.7	-0.6	1.0	0.2	0.7	0.4	2.3	-1.2	0.1	-0.3	0.6	0.5	0.2
1969...	0.5	-0.8	1.4	1.1	2.7	1.3	-1.0	0.9	-0.2	1.2	1.3	-0.4	0.4	1.7	-0.1	0.7	0.7
1970...	0.1	0.1	1.2	-1.6	0.1	0.1	0.3	-1.0	2.2	0.1	-1.2	-1.5	0.5	-0.5	0.5	-0.9	-0.1
1971...	0.9	3.0	-1.3	1.8	-0.1	0.8	-0.8	-0.2	-0.4	2.1	1.7	0.5	0.9	0.1	-0.5	1.4	0.6
1972...	1.4	1.0	-0.1	1.6	1.4	0.5	1.5	0.7	0.4	1.1	2.7	0.9	0.9	1.2	4.9	2.7	1.4
1973...	2.7	4.7	4.6	1.6	4.9	4.6	-4.6	22.2	-5.1	-3.9	0.9	0.2	4.0	3.7	4.2	0.9	2.6
1974...	7.1	1.6	-3.2	-2.7	-3.9	-4.9	7.9	5.2	-3.1	3.8	1.5	-4.1	1.8	-3.8	3.3	0.4	0.4
1975...	-3.2	-2.8	-1.4	4.2	2.8	0.5	1.5	1.0	2.3	1.0	-1.2	-0.5	-2.5	2.5	1.6	-0.2	0.4
1976...	-1.6	-1.5	-0.9	-0.6	-0.4	-0.9	-0.6	-1.9	-0.3	-0.6	0.6	1.7	-1.3	2.0	-0.9	0.6	0.1
1977...	-0.5	2.3	1.5	4.7	-1.0	-3.1	-1.3	-1.6	0.1	0.6	2.1	1.8	1.5	2.4	0.2	1.3	1.4
1978...	1.0	1.7	1.8	3.9	0.6	2.8	-0.7	-1.3	2.5	2.5	0.4	1.0	1.5	2.4	0.2	1.3	1.4
1979...	2.2	2.4	2.0	1.8	0.1	1.2	1.0	-1.8	3.2.								

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
332. INDEX OF PRODUCER PRICES, INTERMEDIATE MATERIALS, SUPPLIES AND COMPONENTS ¹ (1967=100)																	
													AVERAGE FOR PERIOD				
1948...	77.5	76.8	77.0	77.7	78.1	78.8	78.9	79.2	79.3	78.9	78.9	78.3	77.1	78.2	79.1	78.7	78.3
1949...	78.0	77.2	76.7	75.9	75.4	74.9	74.7	74.3	74.0	73.9	73.7	73.7	77.3	75.4	74.3	73.8	75.2
1950...	74.0	74.4	74.7	75.1	76.2	76.7	78.3	79.5	81.2	82.7	83.6	86.1	74.4	76.0	79.7	84.1	78.6
1951...	88.5	89.2	89.3	89.4	89.3	89.0	88.1	86.9	86.7	86.5	86.6	86.4	89.0	89.2	87.2	86.5	88.1
1952...	86.2	86.0	85.5	85.4	85.2	85.5	85.3	85.5	85.6	85.4	85.1	84.8	85.9	85.4	85.5	85.1	85.5
1953...	84.9	84.9	85.3	85.3	85.9	86.2	86.8	86.5	86.4	86.4	86.3	86.4	85.0	85.8	86.6	86.4	86.0
1954...	86.5	86.4	86.4	86.5	86.6	86.4	86.6	86.4	86.3	86.2	86.5	86.4	86.4	86.5	86.4	86.4	86.5
1955...	86.5	86.9	86.8	87.0	87.2	87.4	88.1	88.4	89.2	89.6	89.7	89.9	86.7	87.2	88.5	89.7	88.1
1956...	90.2	90.4	91.1	91.6	92.0	92.1	91.3	92.3	92.6	93.1	93.2	93.4	90.6	91.9	92.1	93.2	92.0
1957...	93.8	94.1	94.0	93.9	93.8	94.0	94.2	94.5	94.4	94.2	94.3	94.4	94.0	93.9	94.4	94.3	94.1
1958...	94.3	94.0	94.0	94.0	94.0	94.1	94.2	94.3	94.4	94.5	94.6	95.0	94.1	94.0	94.3	94.7	94.3
1959...	95.0	95.2	95.3	95.5	95.9	95.8	95.8	95.7	95.6	95.7	95.8	95.7	95.2	95.7	95.7	95.7	95.6
1960...	95.8	95.8	95.9	95.8	95.6	95.8	95.7	95.6	95.6	95.5	95.3	95.1	95.8	95.7	95.6	95.3	95.6
1961...	95.2	95.3	95.4	95.3	95.0	94.8	94.7	94.7	94.7	94.5	94.7	94.9	95.3	95.0	94.7	94.7	95.0
1962...	94.8	94.8	94.9	95.0	95.1	95.0	95.1	95.0	95.0	94.9	94.8	94.8	94.8	95.0	95.0	94.8	94.9
1963...	94.7	94.7	94.6	94.5	95.2	95.4	95.3	95.3	95.3	95.6	95.6	95.7	94.7	95.0	95.3	95.6	95.2
1964...	95.7	95.6	95.4	95.4	95.3	95.1	95.2	95.2	95.4	95.8	95.8	96.0	95.6	95.3	95.3	95.9	95.5
1965...	96.0	96.0	96.1	96.3	96.5	96.9	96.9	97.1	97.2	97.3	97.6	97.5	96.0	96.6	97.1	97.5	96.8
1966...	97.7	98.1	98.3	98.7	99.2	99.3	99.8	100.3	100.1	99.8	99.9	99.9	98.0	99.1	100.1	99.9	99.2
1967...	99.9	99.7	99.6	99.5	99.5	99.8	99.9	100.0	100.2	100.2	100.7	101.1	99.7	99.6	100.0	100.7	100.0
1968...	101.1	101.6	101.7	101.8	101.9	102.2	102.3	102.4	102.7	102.9	103.1	103.7	101.5	102.0	102.5	102.2	102.3
1969...	104.2	104.6	105.1	105.0	105.2	105.4	105.5	106.0	106.3	106.9	107.4	107.8	104.6	105.2	105.9	107.4	105.8
1970...	108.6	108.5	108.4	108.9	109.3	109.7	110.1	110.3	110.6	111.2	111.3	111.4	108.5	109.3	110.3	111.3	109.9
1971...	111.8	112.0	112.6	112.8	113.2	113.8	114.6	115.4	115.4	115.3	115.6	116.2	112.1	113.3	115.1	115.7	114.0
1972...	116.3	117.0	117.9	117.9	118.9	118.8	118.4	118.6	118.6	120.2	121.2	122.8	116.8	117.8	118.1	121.4	118.7
1973...	123.4	125.3	127.5	128.2	131.1	133.5	131.3	135.1	133.4	134.7	136.1	139.0	125.4	130.9	133.3	136.6	131.6
1974...	142.6	145.2	149.3	152.2	156.9	160.0	165.7	173.3	173.5	177.4	179.5	179.4	145.7	156.4	170.8	178.8	162.9
1975...	180.0	179.5	178.3	178.6	177.9	177.7	178.4	180.0	180.6	182.4	183.1	183.8	179.3	178.1	179.7	183.1	180.0
1976...	184.4	184.9	185.5	186.1	187.1	188.6	189.7	190.3	192.1	192.3	193.6	194.9	184.9	187.3	190.7	193.6	189.3
1977...	195.6	196.6	198.3	200.2	201.4	201.6	202.0	202.7	203.8	204.2	205.6	206.5	196.8	201.1	202.8	205.4	201.7
1978...	207.9	209.1	210.5	211.7	213.5	214.9	215.5	217.0	218.7	221.0	223.1	224.5	209.2	213.4	217.1	222.9	215.5
1979...	227.0	228.9	231.6	235.2	238.0	240.4	244.4	247.5	251.5	255.5	259.9	260.6	229.2	237.9	247.8	258.0	242.8
1980...	267.3	272.0	274.0	274.7	276.4	278.4	281.0	283.7	285.2	287.6	290.2	293.5	271.1	276.5	283.3	290.4	280.3
1981...																	
332-C. CHANGE IN INDEX OF PRODUCER PRICES, INTERMEDIATE MATERIALS, SUPPLIES AND COMPONENTS, OVER 1-MONTH SPANS ¹ (MONTHLY RATE, PERCENT)																	
													AVERAGE FOR PERIOD				
1948...	2.0	-0.9	0.3	0.9	0.5	0.9	0.1	0.4	0.1	-0.5	0.	-0.8	0.5	0.8	0.2	-0.4	0.2
1949...	-0.4	-1.0	-0.6	-1.2	-0.5	-0.7	-0.3	-0.5	-0.4	-0.1	-0.3	0.	-0.7	-0.8	-0.4	-0.1	-0.5
1950...	0.4	0.5	0.4	0.5	1.5	0.7	2.1	1.5	2.1	1.8	1.1	3.0	0.4	0.9	1.9	2.0	1.3
1951...	2.8	0.8	0.1	0.1	0.1	-0.3	-1.0	-1.4	-0.2	-0.2	0.1	-0.2	1.2	-0.1	-0.9	-0.1	0.
1952...	-0.2	-0.2	-0.6	-0.1	-0.2	0.4	-0.2	0.2	0.1	-0.2	-0.4	-0.4	0.3	0.	0.	-0.3	-0.1
1953...	0.1	0.	0.5	0.	0.7	0.3	0.7	-0.3	0.1	0.	-0.1	0.1	0.2	0.3	0.1	0.	0.2
1954...	0.1	-0.1	0.	0.1	0.1	-0.2	0.2	-0.2	-0.1	-0.1	0.3	-0.1	0.	0.	0.	0.	0.
1955...	0.1	0.5	-0.1	0.2	0.2	0.2	0.8	0.3	0.9	0.4	0.1	0.2	0.2	0.2	0.7	0.2	0.3
1956...	0.3	0.2	0.8	0.5	0.4	0.1	-0.9	1.1	0.3	0.5	0.1	0.2	0.4	0.3	0.2	0.3	0.3
1957...	0.4	0.3	-0.1	-0.1	-0.2	0.3	-0.2	0.3	-0.1	-0.2	0.1	0.1	-0.2	0.1	0.	0.	0.1
1958...	-0.1	-0.3	0.	0.	0.	0.1	0.1	0.1	0.1	0.1	0.1	0.4	-0.1	0.	0.1	0.2	0.
1959...	0.	0.2	0.1	0.2	0.4	-0.1	0.	-0.1	-0.1	0.1	0.1	-0.1	0.1	0.2	-0.1	0.	0.1
1960...	0.1	0.	0.1	-0.1	-0.2	0.2	-0.1	-0.1	0.	-0.1	-0.2	-0.2	0.1	0.	-0.1	-0.2	0.
1961...	0.1	0.1	0.1	-0.1	-0.2	0.2	-0.1	0.	0.	-0.2	0.2	0.2	0.1	-0.2	0.	0.1	0.
1962...	-0.1	0.	0.1	0.1	0.1	-0.1	0.1	-0.1	0.	-0.1	-0.1	0.	0.	0.	0.	-0.1	0.
1963...	-0.1	0.	-0.1	-0.1	0.7	0.2	-0.1	0.	0.	0.3	0.	0.1	-0.1	0.3	0.	0.1	0.1
1964...	0.	-0.1	-0.2	0.	-0.1	-0.2	0.1	0.	0.2	0.4	0.	0.2	-0.1	-0.1	0.1	0.2	0.
1965...	0.	0.	0.1	0.2	0.2	0.4	0.	0.2	0.1	0.1	0.3	-0.1	0.	0.3	0.1	0.1	0.1
1966...	0.2	0.4	0.2	0.4	0.5	0.1	0.5	0.5	-0.2	-0.3	0.1	0.	0.3	0.3	0.3	-0.1	0.2
1967...	0.	-0.2	-0.1	-0.1	0.	0.3	0.1	0.1	0.2	0.1	0.4	0.4	-0.1	0.1	0.1	0.3	0.1
1968...	0.	0.5	0.1	0.1	0.1	0.3	0.1	0.1	0.3	0.2	0.2	0.6	0.2	0.2	0.2	0.3	0.2
1969...	0.4	0.4	0.5	-0.1	0.2	0.2	0.	0.5	0.3	0.6	0.5	0.4	0.5	0.1	0.3	0.5	0.3
1970...	0.7	-0.1	-0.1	0.1	0.5	0.4	0.4	0.4	0.3	0.5	0.1	0.1	0.2	0.4	0.3	0.2	0.2
1971...	0.4	0.2	0.5	0.2	0.4	0.5	0.7	0.7	0.	-0.1	0.3	0.5	0.4	0.4	0.5	0.2	0.4
1972...	0.1	0.6	0.2	0.3	0.3	0.2	0.3	0.2	0.7	0.7	0.8	1.3	0.3	0.3	0.4	0.9	0.5
1973...	0.5	1.5	1.8	0.5	2.3	1.8	-1.6	2.9	-1.3	1.0	1.0	2.1	1.3	1.5	0.	1.4	1.0
1974...	0.3	1.8	2.8	1.9	3.1	2.0	3.5	4.6	6.1	2.2	2.0	-0.1	2.2	2.1	2.8	1.8	1.2
1975...	0.3	-0.3	-0.7	0.2	-0.4	-0.1	0.4	0.9	0.3	1.0	0.4	0.4	-0.2	-0.1	0.5	0.6	0.2
1976...	0.3	0.3	0.3	0.3	0.5	0.8	0.6	0.3	0.9	0.1	0.7	0.7	0.3	0.5	0.6	0.5	0.5
1977...	0.4	0.5	0.9	1.0	0.6	0.1	0.2	0.3	0.5	0.5	0.2	0.7	0.6	0.6	0.3	0.4	0.5
1978...	0.7	0.6	0.7	0.6	0.9	0.7	0.3	0.7	0.8	1.1	1.0	0.6	0.7	0.7	0.6	0.9	0.7
1979...	1.1	0.8	1.2	1.6	1.2	1.0	1.7	1.6	1.3	1.6	0.9	1.0	1.7	0.5	0.8	0.9	1.2
1980...	2.6	1.8	0.7	1.6	0.6	0.7	0.9	1.0	0.5	0.8	0.9	1.1	1.7	0.5	0.8	0.9	1.0
1981...																	
332-C. CHANGE IN INDEX OF PRODUCER PRICES, INTERMEDIATE MATERIALS, SUPPLIES AND COMPONENTS, OVER 6-MONTH SPANS ² (COMPOUND ANNUAL RATE, PERCENT)																	
													AVERAGE FOR PERIOD				
1948...	9.4	7.9	7.5	3.6	6.3	6.1	3.1	2.1	-1.3	-2.3	-5.0	-6.4	8.3	5.3	1.3	-4.6	2.6
1949...	-7.7	-8.7	-8.5	-8.3	-7.4	-6.9	-5.0	-4.5	-3.2	-1.9	0.3	1.9	-8.1	7.5	-4.2		

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
333. INDEX OF PRODUCER PRICES, CAPITAL EQUIPMENT ¹ (1967=100)																	
													AVERAGE FOR PERIOD				
1948...	57.6	57.9	58.1	58.4	58.8	59.6	60.7	61.8	62.4	62.8	63.0	63.2	57.9	58.9	61.6	63.0	60.4
1949...	63.2	63.6	63.8	63.9	63.8	63.7	63.7	63.3	63.0	63.0	62.9	62.8	63.5	63.8	63.3	62.9	63.4
1950...	62.8	62.8	63.0	63.3	63.5	63.8	64.4	65.4	66.1	66.8	67.4	68.3	62.9	63.6	65.3	67.8	64.9
1951...	70.1	70.4	71.0	71.2	71.4	71.5	71.5	71.3	71.4	71.7	71.7	71.7	70.5	71.4	71.4	71.7	71.2
1952...	71.8	72.4	72.5	72.5	72.6	72.7	72.8	72.5	72.5	72.3	72.3	72.3	72.2	72.6	72.6	72.3	72.4
1953...	72.4	72.4	72.7	73.0	73.3	73.9	74.2	74.1	74.2	74.2	73.9	74.0	74.3	73.4	74.2	74.0	73.5
1954...	74.2	74.3	74.3	74.5	74.6	74.6	74.7	74.5	74.5	74.5	74.5	74.9	74.3	74.6	74.6	74.6	74.5
1955...	75.0	75.1	75.3	75.5	75.8	76.1	76.4	77.1	77.9	78.7	78.6	79.0	75.1	75.8	77.1	78.8	76.7
1956...	79.4	79.9	80.4	81.2	81.7	82.0	82.1	82.8	84.0	84.8	85.5	85.6	79.9	81.6	83.0	85.3	82.4
1957...	85.9	86.3	86.6	86.8	87.0	87.1	87.7	88.0	88.4	88.7	89.0	89.3	86.3	87.0	88.0	89.0	87.6
1958...	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.6	89.6	89.8	90.2	90.5	89.5	89.7	89.6	90.2	89.7
1959...	90.7	90.8	91.2	91.3	91.6	91.9	91.8	91.8	91.9	91.8	91.5	91.5	90.9	91.6	91.8	91.6	91.5
1960...	91.6	91.7	91.8	91.7	91.6	91.7	91.8	91.9	91.1	91.7	91.6	91.6	91.7	91.7	91.6	91.6	91.6
1961...	91.8	91.7	91.8	91.8	91.8	91.9	91.8	91.8	91.9	92.0	91.9	91.9	91.8	91.8	91.8	91.9	91.8
1962...	92.0	92.0	92.1	92.2	92.2	92.1	92.3	92.3	92.3	92.2	92.2	92.3	92.0	92.2	92.3	92.2	92.2
1963...	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.6	92.6	92.8	92.2	92.2	92.4	92.7	92.4
1964...	92.6	92.7	93.0	93.1	93.4	93.3	93.5	93.6	93.6	93.6	93.6	93.5	92.8	93.3	93.6	93.6	93.3
1965...	93.9	94.0	94.2	94.4	94.3	94.4	94.5	94.6	94.8	94.6	94.8	94.9	94.0	94.4	94.6	94.8	94.4
1966...	95.0	95.4	95.6	95.9	96.3	96.7	97.0	97.2	97.4	97.8	98.3	98.6	95.3	96.3	97.2	98.2	96.8
1967...	98.8	99.1	99.1	99.4	99.7	99.8	99.9	100.2	100.4	100.9	101.2	101.6	99.0	99.6	100.2	101.2	100.0
1968...	101.9	102.2	102.4	102.7	103.3	103.4	103.7	104.0	104.2	104.5	104.7	104.7	102.2	103.2	104.0	104.6	103.5
1969...	105.1	105.4	105.6	105.8	106.2	106.5	107.0	107.2	107.7	108.1	108.9	109.4	105.4	106.2	107.3	108.8	106.8
1970...	109.8	110.2	110.6	110.8	111.2	111.4	111.9	112.2	112.7	114.0	114.6	114.9	110.2	111.1	112.3	114.5	112.0
1971...	115.3	115.7	115.9	116.2	116.5	116.6	117.1	117.4	117.2	116.9	116.9	117.7	115.6	116.4	117.2	117.2	116.6
1972...	118.1	118.7	118.9	119.3	119.7	119.7	119.9	119.9	120.2	119.6	119.8	120.2	118.6	119.5	120.0	119.9	119.5
1973...	120.2	121.1	121.7	122.3	123.2	123.5	123.7	124.1	124.6	124.9	125.5	126.6	121.0	123.0	124.1	125.7	123.5
1974...	128.1	129.2	130.9	132.4	136.0	138.9	141.8	145.5	148.3	151.5	153.7	155.1	129.4	135.8	145.2	153.4	141.0
1975...	157.0	158.3	159.9	160.8	161.4	162.0	163.1	163.4	164.7	165.6	166.8	167.7	158.4	161.4	163.7	166.7	162.5
1976...	168.8	169.6	170.6	171.3	171.8	172.7	173.5	174.5	175.8	176.4	177.2	178.7	169.7	171.9	174.6	177.4	173.2
1977...	178.8	179.8	180.6	181.5	182.5	183.5	184.5	186.1	187.2	188.9	190.3	191.5	179.8	182.5	185.9	190.2	184.5
1978...	192.2	193.4	194.5	195.4	196.9	198.6	199.9	201.5	202.9	203.4	205.5	206.6	193.4	197.0	201.4	205.2	199.1
1979...	208.1	210.0	211.4	213.3	214.7	215.9	217.5	217.9	219.6	221.4	223.1	224.8	209.8	214.6	218.3	223.1	216.7
1980...	228.2	230.0	232.1	235.8	236.6	238.2	241.1	243.6	243.9	248.1	249.7	250.8	230.1	236.9	242.9	249.5	239.8
1981...																	

333-C. CHANGE IN INDEX OF PRODUCER PRICES, CAPITAL EQUIPMENT, OVER 1-MONTH SPANS ¹ (MONTHLY RATE, PERCENT)																	
													AVERAGE FOR PERIOD				
1948...	0.7	0.5	0.3	0.5	0.7	1.4	1.8	1.8	1.0	0.6	0.3	0.3	0.5	0.9	1.5	0.4	0.8
1949...	0.	0.6	0.3	0.2	-0.2	-0.2	0.	-0.6	-0.5	0.	-0.2	-0.2	0.3	-0.1	-0.4	-0.1	-0.1
1950...	0.	0.	0.3	0.5	0.5	0.3	0.9	1.6	1.1	1.1	0.9	2.8	0.1	0.4	1.2	1.6	0.8
1951...	1.2	0.4	0.9	0.3	0.3	0.1	0.	-0.3	0.1	0.4	0.	0.	0.8	0.2	-0.1	0.1	0.3
1952...	0.1	0.8	0.1	0.	0.1	0.1	0.1	-0.4	0.1	0.3	0.	0.	0.3	0.1	-0.1	-0.1	0.
1953...	0.1	0.	0.4	0.4	0.4	0.1	0.	-0.1	0.1	0.	-0.4	0.	0.2	0.5	0.1	-0.1	0.2
1954...	0.3	0.1	0.	0.3	0.1	0.	0.1	-0.3	0.	0.	0.	0.5	0.1	0.1	-0.1	0.2	0.1
1955...	0.1	0.1	0.3	0.3	0.4	0.4	0.4	0.9	1.0	1.0	-0.1	0.5	0.2	0.4	0.8	0.5	0.4
1956...	0.5	0.6	0.6	0.0	0.6	0.4	0.1	0.9	1.4	1.0	0.8	0.1	0.6	0.7	0.8	0.6	0.7
1957...	0.4	0.5	0.3	0.2	0.2	0.1	0.7	0.3	0.5	0.3	0.3	0.3	0.3	0.2	0.5	0.5	0.5
1958...	0.1	0.	0.	0.1	0.1	0.	0.	-0.1	0.	0.	-0.1	0.	0.1	0.1	0.	0.3	0.1
1959...	0.2	0.1	0.4	0.1	0.3	0.3	-0.1	0.	0.	-0.1	-0.3	0.	0.2	0.2	0.	-0.1	0.1
1960...	0.1	0.1	0.1	-0.1	-0.1	0.1	0.1	0.1	-0.9	0.7	-0.1	0.	0.1	0.	-0.2	0.2	0.
1961...	0.2	-0.1	0.1	0.	0.	0.1	-0.1	0.	0.	0.1	-0.1	0.	0.1	0.	0.	0.	0.
1962...	0.1	0.	0.1	0.1	0.	-0.1	0.1	0.2	0.	-0.1	0.	0.1	0.1	0.	0.1	0.	0.
1963...	-0.1	0.	0.	0.	0.	0.	0.	0.	0.	0.2	0.1	0.	0.	0.	0.1	0.1	0.
1964...	-0.2	0.1	0.3	0.1	0.3	-0.1	0.2	0.1	0.	0.	0.	-0.1	0.1	0.1	0.1	0.	0.1
1965...	0.4	0.1	0.2	0.2	-0.1	0.1	0.1	0.1	0.2	-0.2	0.2	0.1	0.2	0.1	0.1	0.	0.1
1966...	0.1	0.4	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.4	0.5	0.3	0.2	0.4	0.2	0.4	0.3
1967...	0.2	0.3	0.	0.3	0.3	0.1	0.1	0.3	0.2	0.5	0.3	0.4	0.2	0.2	0.2	0.4	0.2
1968...	0.3	0.3	0.2	0.5	0.4	0.1	0.3	0.3	0.2	0.3	0.2	0.	0.3	0.3	0.3	0.2	0.3
1969...	0.4	0.3	0.2	0.2	0.4	0.3	0.5	0.2	0.5	0.4	0.7	0.5	0.3	0.3	0.4	0.5	0.4
1970...	0.4	0.4	0.4	0.2	0.4	0.2	0.4	0.3	0.4	1.2	0.5	0.3	0.4	0.3	0.4	0.7	0.4
1971...	0.3	0.3	0.2	0.3	0.3	0.1	0.4	0.3	-0.2	-0.3	0.	0.7	0.3	0.2	0.2	0.1	0.2
1972...	0.3	0.5	0.2	0.3	0.2	0.2	0.2	0.	0.3	-0.5	0.2	0.3	0.3	0.2	0.2	0.	0.2
1973...	0.	0.7	0.5	0.5	0.7	0.2	0.	0.2	0.4	0.2	0.5	0.9	0.4	0.5	0.3	0.5	0.4
1974...	1.2	0.9	1.3	1.1	2.7	2.1	2.1	2.6	1.9	2.2	1.5	0.9	1.1	2.0	2.2	1.5	1.7
1975...	1.2	0.8	1.0	0.6	0.4	0.4	0.7	0.2	0.8	0.5	0.7	0.5	1.0	0.5	0.6	0.6	0.6
1976...	0.7	0.5	0.6	0.4	0.3	0.5	0.5	0.6	0.7	0.3	0.5	0.8	0.6	0.4	0.6	0.5	0.5
1977...	0.1	0.5	0.4	0.5	0.6	0.5	0.5	0.9	0.6	0.9	0.7	0.6	0.3	0.5	0.7	0.7	0.6
1978...	0.4	0.6	0.6	0.5	0.8	0.9	0.7	0.8	0.7	0.2	1.0	0.5	0.5	0.7	0.7	0.6	0.6
1979...	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.8	0.7
1980...	1.5	0.8	0.9	1.6	0.3	0.7	1.2	1.0	0.1	1.7	0.6	0.4	1.1	0.9	0.8	0.9	0.9
1981...																	

333-C. CHANGE IN INDEX OF PRODUCER PRICES, CAPITAL EQUIPMENT, OVER 6-MONTH SPANS ² (COMPOUND ANNUAL RATE, PERCENT)																	
													AVERAGE FOR PERIOD				
1948...	6.1	6.4	8.6	11.1	13.9	15.3	15.6	14.8	12.4	8.4	5.9	4.5	7.0	13.4	14.3	6.3	10.2
1949...	3.5	2.6	1.6	1.6	-0.9	-2.5	-2.8	-2.8	-2.8	-2.8	-1.6	0.	2.6	-0.6	-2.8	-1.5	-0.6
1950...	1.0																

C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
334. INDEX OF PRODUCER PRICES, FINISHED CONSUMER GOODS ¹ (1967=100)																	
													AVERAGE FOR PERIOD				
1948...	86.4	85.6	85.6	86.2	86.7	87.1	87.4	87.6	87.2	86.8	86.1	85.5	85.9	86.7	87.4	86.1	86.5
1949...	84.9	83.9	83.7	83.3	82.9	82.8	82.0	81.8	81.6	81.4	81.3	80.8	84.2	83.0	81.8	81.2	82.5
1950...	80.8	81.1	81.1	81.1	81.7	82.1	83.8	85.4	86.2	86.6	87.5	89.2	81.0	81.6	85.1	87.8	83.9
1951...	90.8	92.3	92.1	92.1	92.6	92.3	91.4	91.2	91.1	91.6	91.7	91.8	91.7	92.4	91.2	91.7	91.8
1952...	91.2	91.2	91.3	91.0	90.8	90.6	91.0	90.9	90.5	90.3	90.0	89.1	91.2	90.8	90.8	89.8	90.7
1953...	89.3	89.1	89.0	88.7	88.9	89.0	89.2	89.1	89.7	89.3	88.9	89.0	89.1	88.9	89.3	89.1	89.1
1954...	89.5	89.0	89.0	89.5	89.6	89.1	89.3	89.2	88.6	88.5	88.7	88.6	89.2	89.4	89.0	88.6	89.1
1955...	88.8	89.0	88.6	88.8	88.3	88.9	88.0	88.2	88.4	88.2	88.4	88.5	88.8	88.7	88.2	88.4	88.5
1956...	88.4	88.6	89.1	89.0	89.8	90.2	89.9	89.8	90.4	90.6	91.0	91.2	88.7	89.7	90.0	90.9	89.8
1957...	91.3	91.7	91.6	91.8	91.9	92.3	92.6	92.8	92.6	93.0	93.4	93.8	91.5	92.0	92.7	93.4	92.4
1958...	94.1	94.1	95.2	94.6	94.9	94.7	94.5	94.3	94.4	94.1	94.0	94.0	94.5	94.7	94.4	94.0	94.4
1959...	93.9	93.8	93.6	93.9	93.7	93.7	93.4	93.1	94.2	93.3	92.9	93.2	93.8	93.8	93.6	93.1	93.6
1960...	93.3	93.1	94.2	94.4	94.3	94.4	94.7	94.6	94.6	95.3	95.5	95.2	93.6	94.4	94.6	95.3	94.5
1961...	95.0	95.4	94.9	94.4	93.9	93.8	94.0	94.1	94.0	93.9	94.0	94.4	95.1	94.0	94.1	94.1	94.3
1962...	94.8	94.9	94.6	94.3	94.3	94.0	94.0	94.6	95.5	94.7	94.8	94.5	94.8	94.2	94.7	94.7	94.6
1963...	94.4	94.2	93.6	93.7	94.2	94.4	94.4	94.2	94.1	94.2	94.3	94.1	94.1	94.1	94.2	94.2	94.2
1964...	94.7	94.0	94.1	94.1	94.0	94.2	94.3	94.3	94.5	94.5	94.4	94.3	94.3	94.1	94.4	94.4	94.3
1965...	94.5	94.5	94.9	95.6	95.9	96.3	96.2	96.4	96.5	96.9	97.3	98.1	94.6	95.9	96.4	97.4	96.1
1966...	98.2	99.0	99.3	99.4	99.0	98.5	98.9	100.2	100.5	100.3	100.0	99.7	98.8	99.0	99.9	100.0	99.4
1967...	99.5	99.3	99.0	99.3	99.4	100.2	100.1	100.4	100.7	100.6	100.8	101.0	99.3	99.6	100.4	100.8	100.0
1968...	100.9	101.5	101.8	102.2	102.3	102.6	102.9	103.0	103.7	103.9	104.0	104.1	101.4	102.4	103.2	104.0	102.7
1969...	104.4	104.3	104.8	105.3	105.2	106.8	106.9	107.1	107.4	108.1	109.0	109.1	104.5	106.1	107.1	108.7	106.6
1970...	109.6	109.4	109.5	109.6	109.3	109.6	109.7	109.5	110.7	110.5	110.9	110.7	109.5	109.5	110.0	110.7	110.0
1971...	111.1	111.6	111.8	112.4	112.8	113.2	112.6	113.4	113.2	113.6	114.0	114.8	111.5	112.8	113.1	114.1	112.7
1972...	114.4	114.9	114.8	114.9	115.6	116.2	116.8	117.3	118.1	117.6	118.4	119.6	114.7	115.6	117.4	118.5	116.6
1973...	120.8	122.3	125.5	126.4	127.3	128.9	128.8	134.0	133.5	133.2	134.5	135.6	122.9	127.1	134.4	129.2	129.2
1974...	139.4	142.5	143.7	144.8	146.2	145.5	149.4	152.0	153.4	156.2	159.4	159.4	141.9	145.5	151.6	149.3	149.3
1975...	159.5	159.0	158.6	160.0	161.1	162.5	164.1	165.7	166.8	168.2	168.8	168.9	159.0	161.2	165.5	168.6	163.6
1976...	168.4	167.6	167.6	168.7	168.6	169.0	169.3	169.6	170.0	171.2	172.5	173.8	167.9	168.8	169.6	172.5	169.0
1977...	174.3	176.4	178.1	179.1	180.4	180.5	181.2	182.0	182.6	183.5	185.0	185.6	176.3	180.0	181.9	184.7	178.9
1978...	186.7	188.1	189.0	191.7	192.9	194.8	196.2	194.8	198.2	199.7	201.1	203.5	187.9	193.1	197.0	201.4	192.6
1979...	206.1	208.3	210.3	212.3	213.5	214.7	217.2	219.7	224.0	226.6	230.0	231.9	208.2	213.5	220.3	229.5	215.7
1980...	235.8	239.3	242.1	243.3	244.5	246.6	251.2	254.3	255.1	257.1	258.9	259.7	239.1	244.8	253.5	258.6	248.9
1981...																	
334-C. CHANGE IN INDEX OF PRODUCER PRICES, FINISHED CONSUMER GOODS, OVER 1-MONTH SPANS ¹ (MONTHLY RATE, PERCENT)																	
													AVERAGE FOR PERIOD				
1948...	2.2	-0.9	0.	0.7	0.6	0.5	0.3	0.2	-0.5	-0.5	-0.8	-0.7	0.4	0.6	0.	-0.7	0.1
1949...	-0.7	-1.2	-0.2	-0.5	-0.5	-0.1	-1.0	-0.2	-0.2	-0.2	-0.1	-0.6	-0.7	-0.4	-0.5	-0.3	-0.5
1950...	0.	0.4	0.	0.	0.7	0.5	2.1	1.9	0.9	0.5	1.0	1.9	0.7	0.4	1.6	1.1	0.8
1951...	1.8	1.7	-0.2	0.3	0.2	-0.3	-1.0	-0.2	-0.1	0.5	0.1	0.1	1.1	0.1	-0.4	0.2	0.2
1952...	-0.7	0.	0.1	-0.3	-0.2	-0.2	0.4	-0.1	-0.4	-0.2	-0.3	-1.0	-0.2	-0.2	0.	-0.5	-0.2
1953...	0.2	-0.2	-0.1	-0.3	0.2	0.1	0.2	0.1	0.7	-0.8	-0.4	0.1	0.	0.	0.3	-0.2	0.
1954...	0.6	-0.6	0.	0.6	0.1	-0.6	0.2	0.1	-0.6	-0.1	0.2	-0.1	0.	0.	-0.2	0.	0.
1955...	0.2	0.2	-0.4	0.2	-0.6	0.7	-1.0	0.2	0.2	-0.2	0.2	0.1	0.	0.1	-0.2	0.	0.
1956...	-0.1	0.2	0.6	-0.1	0.9	0.4	-0.3	-0.1	0.7	0.2	0.4	0.2	0.2	0.4	0.1	0.3	0.2
1957...	0.1	0.4	-0.1	0.2	0.1	0.4	0.3	0.2	-0.2	0.4	0.4	0.4	0.1	0.2	0.1	0.4	0.2
1958...	0.3	0.	1.2	-0.6	0.3	-0.2	-0.2	-0.2	0.1	-0.3	-0.1	0.1	0.5	-0.2	-0.1	-0.1	0.
1959...	-0.1	-0.1	-0.2	0.3	-0.2	0.3	-0.3	-0.1	0.2	-1.0	-0.4	0.3	-0.2	-0.4	-0.2	-0.4	-0.1
1960...	0.1	0.	1.0	0.2	-0.1	0.1	0.3	-0.1	0.	0.7	0.2	-0.3	0.4	0.1	0.1	0.2	0.2
1961...	-0.2	0.4	-0.5	-0.5	-0.5	-0.1	0.2	0.3	-0.3	-0.1	0.1	0.4	-0.1	-0.4	0.1	0.1	-0.1
1962...	0.4	0.1	-0.3	-0.3	0.	-0.3	0.	0.6	1.0	-0.8	0.1	-0.3	0.1	-0.2	0.5	-0.3	0.
1963...	-0.1	-0.2	-0.6	0.1	0.5	0.2	0.	-0.2	-0.1	-0.1	0.1	-0.1	-0.3	0.3	-0.1	0.	0.
1964...	0.6	-0.7	0.1	0.	-0.1	0.2	0.1	0.	0.2	0.	-0.1	0.1	0.	0.	0.1	-0.1	0.
1965...	0.2	0.	0.4	0.7	0.3	0.4	-0.1	0.2	0.1	0.4	0.4	0.8	0.2	0.5	0.1	0.5	0.3
1966...	0.1	0.8	0.3	0.1	-0.4	-0.5	0.4	1.3	0.3	-0.2	-0.3	-0.3	0.8	-0.3	0.7	-0.3	0.1
1967...	-0.2	-0.2	-0.3	-0.3	0.1	0.5	-0.1	0.3	0.1	-0.2	0.4	0.2	-0.2	0.4	0.2	0.1	0.1
1968...	-0.1	0.6	0.3	0.4	0.1	0.3	0.3	0.1	0.7	0.2	0.1	0.1	0.3	0.3	0.8	0.1	0.3
1969...	0.3	-0.1	0.5	0.5	0.9	0.6	0.1	0.2	0.3	0.7	0.8	0.1	0.2	0.7	0.2	0.5	0.4
1970...	0.5	-0.2	0.1	0.1	-0.3	0.3	0.1	-0.2	1.1	-0.2	0.8	-0.2	0.1	0.	0.3	0.	0.1
1971...	0.4	0.5	0.2	0.5	0.4	0.4	-0.5	0.7	-0.2	0.4	0.8	0.7	0.4	0.4	0.	0.5	0.3
1972...	0.4	0.4	0.1	0.5	-0.5	0.5	-0.4	0.8	-0.4	-0.8	0.7	1.0	0.	0.4	0.5	0.4	0.3
1973...	1.0	1.2	2.6	0.7	0.7	1.3	-0.4	4.8	-0.4	-0.2	1.0	0.8	1.6	0.9	1.2	0.5	1.1
1974...	2.8	2.2	0.8	0.8	1.0	-0.5	2.7	1.7	0.9	1.8	2.0	-0.2	1.9	0.4	1.8	1.2	1.3
1975...	0.3	-0.3	-0.3	0.9	0.7	0.9	1.0	1.0	0.7	0.8	0.8	0.1	-0.1	0.8	0.9	0.4	0.5
1976...	-0.3	-0.5	0.	0.7	-0.1	0.2	0.2	0.2	0.2	0.7	0.6	0.8	-0.3	0.3	0.2	0.8	0.6
1977...	0.3	1.2	1.0	0.6	0.4	1.4	0.4	0.8	0.3	0.5	0.8	0.3	0.8	0.5	0.8	0.5	0.6
1978...	0.6	0.7	0.5	1.4	0.6	1.0	0.8	-0.1	1.0	0.8	0.7	1.2	0.6	1.0	0.6	0.9	0.8
1979...	1.3	1.1	1.0	1.0	0.6	0.6	1.2	1.2	2.0	1.2	1.5	0.8	1.1	0.7	1.5	1.2	1.1
1980...	1.7	1.5	1.2	0.5	0.5	0.9	1.9	1.2	0.3	0.8	0.7	0.3	1.5	0.6	1.1	0.6	1.0
1981...																	
334-C. CHANGE IN INDEX OF PRODUCER PRICES, FINISHED CONSUMER GOODS, OVER 6-MONTH SPANS ² (COMPOUND ANNUAL RATE, PERCENT)																	
													AVERAGE FOR PERIOD				
1948...	10.2	8.9	6.2	2.3	4.7	3.8	1.4	-1.8	-3.6	-5.6	-8.3	-7.9	8.8	3.6	-1.2	-7.3	0.9
1949...	-7.9	-7.3	-6.2	-6.7	-4.9	-5.0	-4.5	-3.8	-4.8	-2.9	-1.7	-1.2	-7.1	-5.5	-4.4	-1.9	-4.7

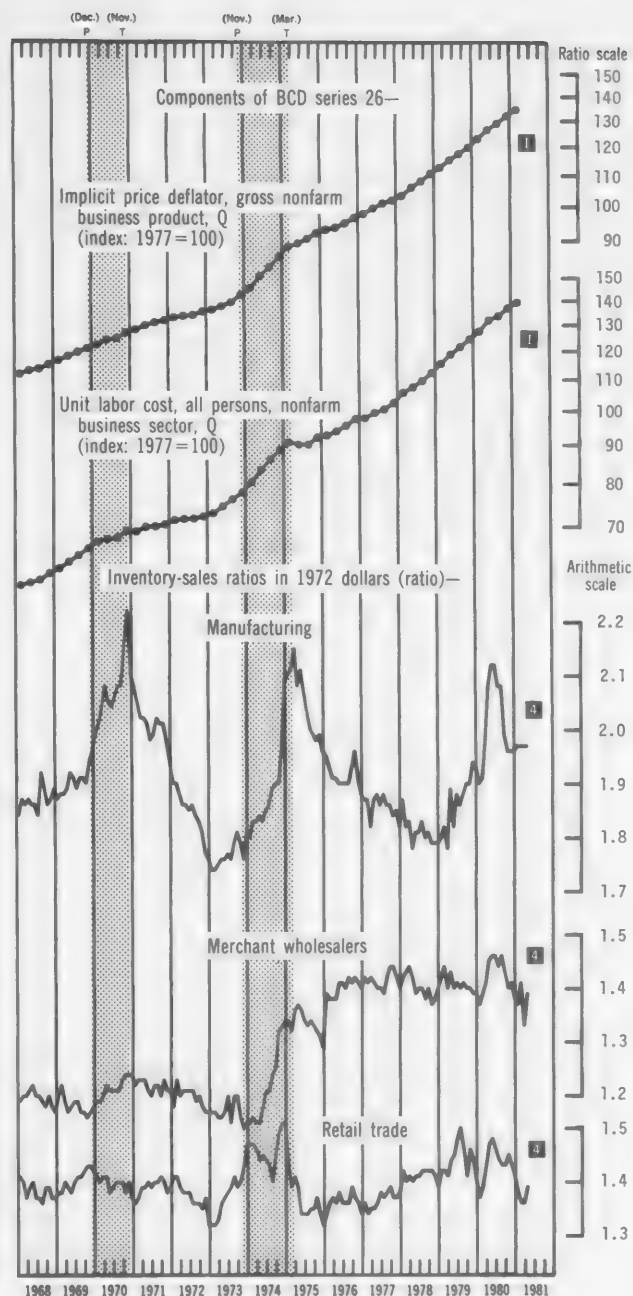
C. Historical Data for Selected Series—Continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	Annual
335. INDEX OF PRODUCER PRICES, INDUSTRIAL COMMODITIES ⁽¹⁾ (1967=100)													AVERAGE FOR PERIOD				
1948...	75.8	75.4	75.4	75.8	75.8	76.2	76.9	77.8	78.1	78.2	78.4	78.3	75.5	75.9	77.6	78.3	76.9
1949...	77.9	77.2	76.8	75.8	74.9	74.4	74.1	74.3	74.3	74.3	74.3	74.4	77.3	75.0	74.2	74.3	75.3
1950...	74.6	74.8	74.8	74.9	75.4	75.9	77.1	78.6	80.4	81.8	82.9	84.8	74.7	75.4	78.7	83.2	78.0
1951...	86.6	87.1	87.1	87.0	86.7	86.4	86.0	85.3	85.3	85.1	85.0	85.1	86.9	86.7	85.5	85.1	86.1
1952...	84.9	84.9	84.6	84.2	83.9	83.6	83.5	83.9	84.1	83.9	83.8	83.9	84.8	83.9	83.8	83.9	84.1
1953...	86.0	84.8	84.7	84.7	84.7	84.7	85.3	85.3	85.2	85.1	85.0	85.1	84.1	84.4	85.3	85.1	84.8
1954...	85.1	84.9	84.9	85.0	85.0	84.9	84.9	84.9	84.9	85.0	85.3	85.3	85.0	85.0	84.9	85.2	85.0
1955...	85.6	86.0	85.9	86.0	85.8	85.9	86.5	87.3	88.1	88.4	88.7	89.0	85.8	85.9	87.3	88.7	86.9
1956...	89.5	89.6	89.9	90.3	90.4	90.3	90.2	91.0	91.4	91.8	92.3	92.7	89.7	90.3	90.9	92.3	90.8
1957...	93.9	93.2	93.1	93.1	93.0	93.0	93.4	93.6	93.6	93.5	93.5	93.7	93.1	93.0	93.5	93.6	93.3
1958...	93.7	93.4	93.4	93.2	93.1	93.1	93.3	93.7	93.8	93.9	94.2	94.5	93.5	93.1	93.6	94.2	93.6
1959...	94.7	94.9	95.2	95.3	95.4	95.2	95.4	95.4	95.4	95.4	95.5	95.6	94.9	95.3	95.4	95.5	95.3
1960...	95.7	95.6	95.6	95.6	95.2	95.2	95.2	95.2	95.0	95.1	95.0	95.0	95.6	95.3	95.1	95.0	95.3
1961...	95.2	95.2	95.2	95.1	94.8	94.6	94.6	94.6	94.7	94.5	94.7	94.9	95.2	94.8	94.6	94.7	94.8
1962...	95.0	94.8	94.8	94.9	94.9	94.7	94.8	94.6	94.8	94.7	94.7	94.7	94.9	94.8	94.7	94.7	94.8
1963...	94.7	94.6	94.6	94.4	94.5	94.7	94.8	94.8	94.7	94.9	94.9	95.2	94.6	94.5	94.8	95.0	94.7
1964...	95.3	95.2	95.1	95.1	95.1	94.9	95.1	95.1	95.1	95.5	95.6	95.8	95.2	95.0	95.1	95.6	95.2
1965...	95.9	95.9	96.0	96.0	96.2	96.4	96.4	96.6	96.6	96.7	97.1	97.1	95.9	96.2	96.5	97.0	96.4
1966...	97.4	97.6	97.8	98.1	98.5	98.7	99.0	99.0	99.0	99.1	99.2	99.2	97.6	98.4	99.0	99.2	98.5
1967...	99.5	99.7	99.7	99.6	99.7	99.7	99.7	99.7	100.0	100.2	100.5	100.8	101.1	99.6	99.7	100.0	100.8
1968...	101.5	102.0	102.2	102.4	102.3	102.4	102.4	102.5	102.8	103.3	103.4	103.8	101.9	102.4	102.6	103.5	102.5
1969...	104.3	104.8	105.4	105.5	105.5	105.6	105.7	106.1	106.5	107.1	107.4	107.8	104.9	105.5	106.1	107.4	106.0
1970...	108.3	108.6	108.8	109.3	109.6	109.9	110.1	110.2	110.4	111.2	111.3	111.7	108.6	109.6	110.2	111.4	110.0
1971...	112.2	112.5	113.0	113.4	113.8	114.0	114.6	115.3	115.1	115.1	115.0	115.5	112.6	113.7	115.0	115.2	114.0
1972...	115.9	116.5	116.8	117.3	117.6	117.9	118.1	118.5	118.7	118.8	119.1	119.4	116.4	117.6	118.4	119.1	117.9
1973...	120.0	121.3	122.8	124.2	125.3	126.0	126.1	126.7	127.4	128.5	130.1	132.2	121.4	125.2	126.7	130.3	125.9
1974...	135.3	138.2	142.4	146.6	150.5	153.6	157.8	161.6	162.9	164.8	165.8	166.1	138.6	150.2	160.8	165.6	153.8
1975...	167.5	168.4	168.9	169.7	170.3	170.7	171.2	172.2	173.1	174.7	175.4	176.1	168.3	170.2	172.2	175.4	171.5
1976...	177.4	178.1	179.0	180.1	180.5	181.5	182.7	183.8	184.8	186.3	187.1	187.4	178.2	180.7	183.8	186.9	182.4
1977...	188.4	190.0	191.7	193.3	194.2	194.7	195.9	196.9	197.8	199.1	199.3	200.0	190.0	194.1	196.9	199.5	195.1
1978...	201.6	202.9	204.1	206.1	207.4	208.7	210.1	211.4	212.5	214.7	216.0	217.2	202.9	207.4	211.3	216.0	209.4
1979...	220.0	222.5	225.4	229.0	231.6	234.0	237.5	240.6	244.2	249.0	250.6	253.1	222.6	231.5	240.8	250.9	236.5
1980...	260.6	265.9	268.6	271.3	271.9	273.5	276.2	278.2	278.8	282.0	283.4	286.6	265.0	272.2	277.7	284.0	274.8
1981...																	
335-C. CHANGE IN INDEX OF PRODUCER PRICES, INDUSTRIAL COMMODITIES, OVER 1-MONTH SPANS ⁽¹⁾ (MONTHLY RATE, PERCENT)													AVERAGE FOR PERIOD				
1948...	1.6	-0.5	0.	0.5	0.	0.5	0.9	1.2	0.4	0.1	0.3	-0.1	0.4	0.3	0.8	0.1	0.4
1949...	-0.5	-0.9	-0.5	-1.3	-1.2	-0.7	-0.4	0.3	0.	0.	0.	0.1	-0.6	-1.1	0.	0.	-0.4
1950...	0.3	0.3	0.	0.1	0.7	0.7	1.6	1.9	2.3	1.7	1.3	2.3	0.2	0.5	1.9	1.8	1.1
1951...	2.1	0.6	0.	-0.1	-0.3	-0.3	-0.5	-0.8	0.	-0.2	-0.1	0.1	0.9	-0.2	-0.4	-0.1	0.1
1952...	-0.2	-0.5	-0.4	-0.5	-0.4	-0.4	-0.4	-0.5	0.2	-0.4	-0.1	0.1	-0.4	-0.1	0.2	-0.1	-0.1
1953...	0.1	0.	0.4	-0.2	0.4	0.4	0.7	0.	0.	-0.1	-0.1	0.1	0.2	0.2	0.2	0.	0.1
1954...	0.	-0.2	0.	0.1	0.	-0.1	0.	0.	0.	0.1	0.4	0.	-0.1	0.	0.	0.2	0.
1955...	0.4	0.5	-0.1	0.1	-0.2	0.1	0.7	0.9	0.9	0.3	0.3	0.3	0.3	0.1	0.8	0.3	0.4
1956...	0.3	0.1	0.3	0.4	0.1	-0.1	-0.1	0.9	0.4	0.4	0.5	0.3	0.3	0.1	0.4	0.4	0.3
1957...	0.3	0.2	-0.1	0.	-0.1	0.	0.4	0.2	0.	-0.1	0.	0.2	0.1	0.	0.2	0.	0.1
1958...	0.	-0.3	0.	-0.2	-0.1	0.	0.2	0.4	0.1	0.1	0.3	0.3	-0.1	-0.1	0.2	0.2	0.
1959...	0.2	0.2	0.3	0.1	0.1	-0.2	0.2	0.	0.	0.	0.1	0.1	0.2	0.	0.1	0.1	0.1
1960...	0.1	-0.1	0.	0.	-0.4	0.	0.	0.	-0.2	0.1	-0.1	0.	0.	-0.1	-0.1	0.	0.
1961...	0.2	0.	0.	-0.1	-0.3	-0.2	0.	0.	-0.1	-0.2	0.2	0.2	0.1	-0.2	0.	0.1	0.
1962...	0.1	-0.2	0.	0.1	0.	-0.2	0.1	-0.2	0.2	-0.1	0.	0.	0.	0.	0.	0.	0.
1963...	0.	-0.1	0.	-0.2	0.1	0.2	0.1	0.	-0.1	0.2	0.	0.3	0.	0.	0.	0.2	0.
1964...	0.1	-0.1	-0.1	0.	0.	-0.2	0.2	0.	0.	0.4	0.1	0.2	0.	-0.1	0.1	0.2	0.
1965...	0.1	0.	0.1	0.	0.2	0.2	0.	0.2	0.	0.1	0.4	0.	0.1	0.1	0.1	0.2	0.1
1966...	0.3	0.2	0.2	0.3	0.4	0.2	0.3	0.	0.	0.1	0.1	0.	0.2	0.3	0.1	0.1	0.2
1967...	0.3	0.2	0.	-0.1	0.1	0.	0.	0.3	0.2	0.3	0.3	0.3	0.2	0.	0.2	0.3	0.2
1968...	0.4	0.5	0.2	0.2	-0.1	0.1	0.	0.1	0.3	0.5	0.1	0.4	0.4	0.1	0.1	0.3	0.2
1969...	0.5	0.6	0.5	0.1	0.	0.1	0.1	0.4	0.4	0.6	0.3	0.4	0.5	0.1	0.3	0.4	0.3
1970...	0.5	0.3	0.2	0.5	0.3	0.3	0.2	0.1	0.2	0.7	0.1	0.4	0.3	0.4	0.2	0.4	0.3
1971...	0.4	0.3	0.4	0.4	0.4	0.2	0.5	0.6	-0.2	0.	-0.1	0.4	0.4	0.3	0.3	0.1	0.3
1972...	0.3	0.5	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.1	0.3	0.3	0.4	0.3	0.2	0.2	0.3
1973...	0.5	1.1	1.2	1.1	0.9	0.6	0.1	0.5	0.6	0.9	1.2	1.6	0.9	0.9	0.4	1.2	0.9
1974...	2.3	2.1	3.0	2.9	2.7	2.1	2.7	2.4	0.8	1.2	0.6	0.2	2.5	2.6	2.0	0.7	1.9
1975...	0.8	0.5	0.3	0.5	0.4	0.2	0.3	0.6	0.5	0.9	0.4	0.4	0.5	0.4	0.5	0.6	0.5
1976...	0.7	0.4	0.5	0.6	0.2	0.6	0.7	0.6	0.5	0.8	0.4	0.2	0.5	0.5	0.6	0.5	0.5
1977...	0.5	0.8	0.9	0.8	0.5	0.3	0.6	0.5	0.5	0.7	0.1	0.4	0.7	0.5	0.5	0.4	0.6
1978...	0.8	0.6	0.6	1.0	0.6	0.6	0.7	0.6	0.5	1.0	0.6	0.7	0.7	0.7	0.6	0.7	0.7
1979...	1.3	1.1	1.3	1.6	1.1	1.0	1.5	1.3	1.5	2.0	0.6	1.0	1.2	1.2	1.4	1.2	1.3
1980...	3.0	2.0	1.0	1.0	0.2	0.6	1.0	0.7	0.2	1.1	0.5	1.1	2.0	0.6	0.6	0.9	1.0
1981...																	
335-C. CHANGE IN INDEX OF PRODUCER PRICES, INDUSTRIAL COMMODITIES, OVER 6-MONTH SPANS ⁽¹⁾																	

G. Experimental Data and Analyses

Year and quarter	Implicit price deflator, gross nonfarm business product ¹ (Index: 1977=100)	Unit labor cost, all persons, nonfarm business sector ¹ (Index: 1977=100)
1979		
I Q....	112.6	115.4
II Q....	115.1	118.7
III Q...	117.4	121.5
IV Q....	119.7	124.4
1980		
I Q....	122.9	127.4
II Q....	126.3	131.8
III Q...	128.8	133.5
IV Q....	131.9	136.8
1981		
I Q....	p134.5	p139.2
II Q....		
III Q...		
IV Q....		

Year and month	Inventory-sales ratios in 1972 dollars ²		
	Manufacturing (Ratio)	Merchant wholesalers (Ratio)	Retail trade (Ratio)
1980			
Jan....	1.90	1.37	1.37
Feb....	1.91	1.39	1.39
Mar....	1.98	1.41	1.43
Apr....	2.08	1.45	1.47
May....	2.12	1.46	1.48
June...	2.12	1.46	1.46
July...	2.08	1.44	1.44
Aug....	2.08	1.46	1.43
Sept...	1.99	1.43	1.43
Oct....	1.96	1.40	1.45
Nov....	1.96	1.41	1.43
Dec....	1.96	1.38	1.41
1981			
Jan....	1.97	1.37	1.38
Feb....	1.97	1.41	1.36
Mar....	r1.97	1.33	1.36
Apr....	p1.97	p1.39	p1.39
May....	(NA)	(NA)	(NA)
June...			
July...			
Aug....			
Sept...			
Oct....			
Nov....			
Dec....			



NOTE: The "r" indicates revised; "p", preliminary; and "NA", not available.

¹Source: U.S. Department of Labor, Bureau of Labor Statistics.

²Source: U.S. Department of Commerce, Bureau of Economic Analysis.

G. Experimental Data and Analyses—Continued

Net Contributions of Individual Components to the Leading, Roughly Coincident, and Lagging Composite Indexes

Series title (and unit of measure)	Basic data				Net contribution to index		
	Feb. 1981	Mar. 1981	Apr. 1981	May 1981	Feb. to Mar. 1981	Mar. to Apr. 1981	Apr. to May 1981
LEADING INDICATORS							
1. Average workweek, production workers, manufacturing (hours)	39.8	40.0	40.1	p40.2	0.17	0.09	0.10
3. Layoff rate, manufacturing ¹ (per 100 employees)	1.4	1.4	r1.2	p1.4	0.0	0.22	-0.24
8. New orders for consumer goods and materials in 1972 dollars (billion dollars)	34.38	34.07	r34.16	p33.14	-0.05	0.01	-0.19
32. Vendor performance, companies receiving slower deliveries (percent)	50	52	56	52	0.07	0.15	-0.17
12. Net business formation (index: 1967=100)	r117.1	e117.6	NA	NA	0.06	NA	NA
20. Contracts and orders for plant and equipment in 1972 dollars (billion dollars)	12.34	14.24	r13.28	p13.13	0.33	-0.17	-0.03
29. New building permits, private housing units (index: 1967=100)	94.1	93.1	r95.8	94.3	-0.03	0.09	-0.06
36. Change in inventories on hand and on order in 1972 dol., smoothed ² (ann. rate, bil. dol.)	r-8.26	r-4.72	p-0.28	NA	0.22	0.30	NA
92. Change in sensitive crude materials prices, smoothed ² (percent)	r2.94	r3.36	r2.84	1.78	0.18	-0.24	-0.53
19. Stock prices, 500 common stocks (index: 1941-43=10)	128.40	133.19	134.43	131.73	0.22	0.06	-0.15
104. Change in total liquid assets, smoothed ² (percent)	r1.09	r0.95	e0.78	e0.66	-0.45	-0.59	-0.46
106. Money supply (M2) in 1972 dollars (billion dollars)	805.0	r810.5	r815.7	p813.1	0.26	0.27	-0.15
910. Composite index of 12 leading indicators ³ (index: 1967=100)	r135.8	r137.2	r137.7	p135.2	1.03	0.36	-1.82
ROUGHLY COINCIDENT INDICATORS							
41. Employees on nonagricultural payrolls (thousands)	91,652	r91,705	r91,490	p91,474	0.05	-0.18	-0.02
51. Personal income less transfers in 1972 dollars (annual rate, billion dollars)	r1,062.0	r1,063.5	r1,064.5	p1,066.6	0.07	0.05	0.13
47. Industrial production, total (index: 1967=100)	151.5	152.2	r152.3	p152.8	0.13	0.02	0.12
57. Manufacturing and trade sales in 1972 dollars (million dollars)	156,969	r159,358	p156,431	NA	0.33	-0.40	NA
920. Composite index of 4 roughly coincident indicators ³ (index: 1967=100)	143.0	r143.6	r142.6	p142.7	0.42	-0.70	0.07
LAGGING INDICATORS							
91. Average duration of unemployment ¹ (weeks)	14.4	14.0	13.7	13.2	0.17	0.13	0.35
70. Manufacturing and trade inventories, total, in 1972 dollars (billion dollars)	r262.86	r262.64	p263.03	NA	-0.04	0.07	NA
62. Labor cost per unit of output, manufacturing (index: 1967=100)	r204.4	r204.6	r205.9	p206.9	0.03	0.20	0.23
109. Average prime rate charged by banks (percent)	19.43	18.05	17.15	19.61	-2.68	-1.75	7.17
72. Commercial and industrial loans outstanding (million dollars)	r173,136	r171,216	r173,773	p177,775	-0.25	0.33	0.75
95. Ratio, consumer installment credit to personal income (percent)	r13.34	r13.35	p13.37	NA	0.03	0.07	NA
930. Composite index of 6 lagging indicators ³ (index: 1967=100)	186.0	r180.7	r178.6	p194.2	-2.85	-1.16	8.73

NOTE: The net contribution of an individual component is that component's share in the composite movement of the group. It is computed by dividing the standardized and weighted change for the component by the sum of the weights for the available components and dividing that result by the index standardization factor. See the March 1979 *BUSINESS CONDITIONS DIGEST* (pp. 106-107) for weights and standardization factors. NA, not available. p, preliminary. r, revised. e, estimated.

¹This series is inverted in computing the composite index; i.e., a decrease in this series is considered an upward movement.

²This series is a weighted 4-term moving average (with weights 1,2,2,1) placed at the terminal month of the span.

³Figures in the net contribution columns are percent changes in the index. The percent change is equal (except for rounding differences) to the sum of the individual components' contributions plus the trend adjustment factor. The trend adjustment factor for the leading index is 0.099; for the coincident index, -0.164; for the lagging index, -0.170.

G. Experimental Data and Analyses—Continued

Recession Comparisons: Current and Selected Historical Patterns

HOW TO READ RECESSION COMPARISON CHARTS

These charts show graphically, for selected indicators, the path of the current business recession. To set the current movements in historical perspective, cyclical paths over generally similar historical periods also are shown. The selected periods are superimposed to compare the current business recession with corresponding historical patterns and to facilitate critical assessment of the amplitude, duration, and severity of the indicators' current movements.

The three-part code indicates the timing classification of the series at peaks, at troughs, and at all turns: L=leading; C=roughly coincident; Lg=lagging; and U=unclassified.

This number indicates the latest month (or quarter) of data plotted. (1=January)

1. In most cases, comparisons are based on reference peak levels and reference peak dates.

2. The vertical line represents reference peak dates. The current and historical periods are aligned so that their reference peaks fall on this line.

3. The horizontal line represents the level of data at reference peaks. The current and historical periods are aligned so that their reference peaks fall on this line.

4. In most cases, deviations (percent or actual differences) from the reference peak levels are computed and plotted. For series measured in percent units (e.g., the unemployment rate), those units (actual data) are plotted rather than deviations. The deviations (if plotted) and actual data for the current period are shown in the tables accompanying the charts.

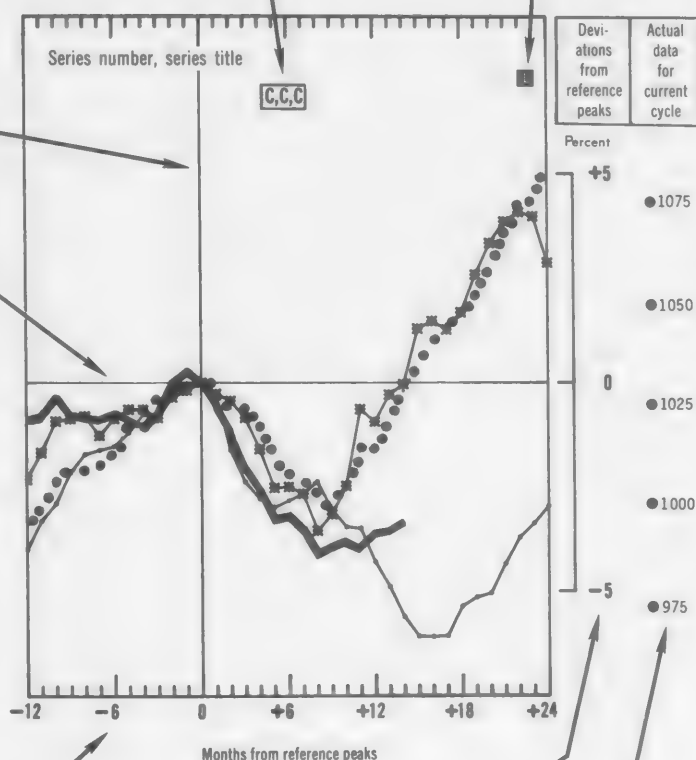
5. For series that move counter to movements in general business activity (e.g., the unemployment rate), an inverted scale is used, i.e., declines in data are plotted as upward movements, and increases in data are plotted as downward movements.

6. Several curves are shown in each chart. The heavy solid line (—) describes the current period. The dotted line (•••) represents the median pattern of the six post-World War II cycles. The remaining lines represent selected business cycles; each line is labeled according to the year of the reference peak.

7. These charts use the business cycle (reference) peak and trough dates designated by the National Bureau of Economic Research, Inc.

Peaks: Nov. 1948 (IVQ 1948), July 1953 (IIQ 1953), Aug. 1957 (IIIQ 1957), Apr. 1960 (IIQ 1960), Dec. 1969 (IVQ 1969), Nov. 1973 (IVQ 1973), Jan. 1980 (IQ 1980).*

Troughs: Oct. 1949 (IVQ 1949), May 1954 (IIQ 1954), Apr. 1958 (IIQ 1958), Feb. 1961 (IQ 1961), Nov. 1970 (IVQ 1970), Mar. 1975 (IQ 1975).



This scale measures time in months before (—) and after (+) reference peak dates.

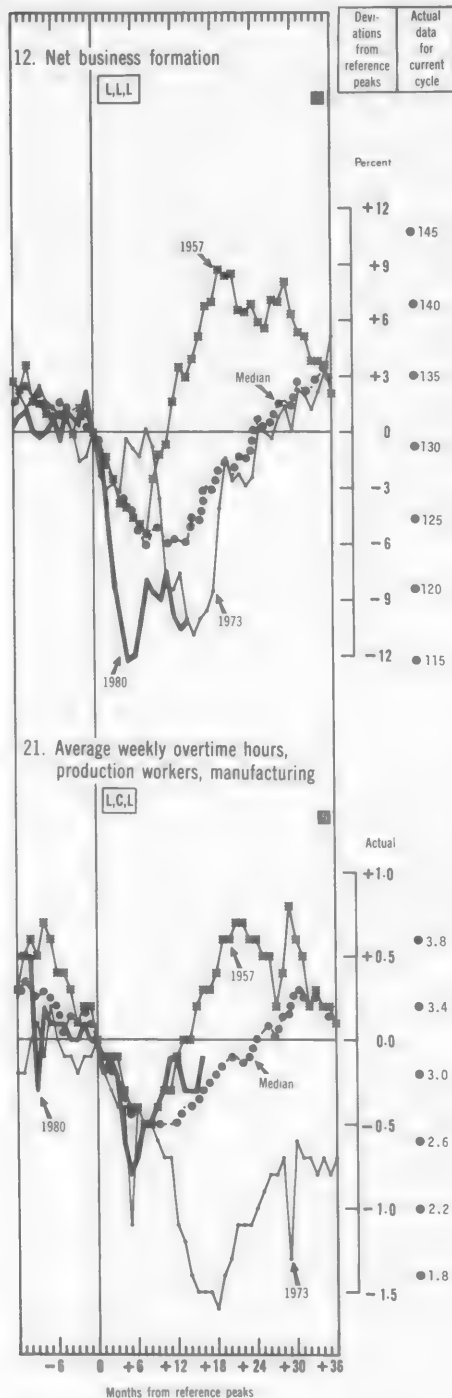
This scale shows deviations (percent or actual differences) from reference peak levels.

This scale shows actual series units and applies only to the current business cycle (heavy solid line).

*The NBER has not officially designated the latest reference peak quarter. However, for purposes of these charts, it is assumed that the first quarter of 1980 is the reference peak for quarterly series.

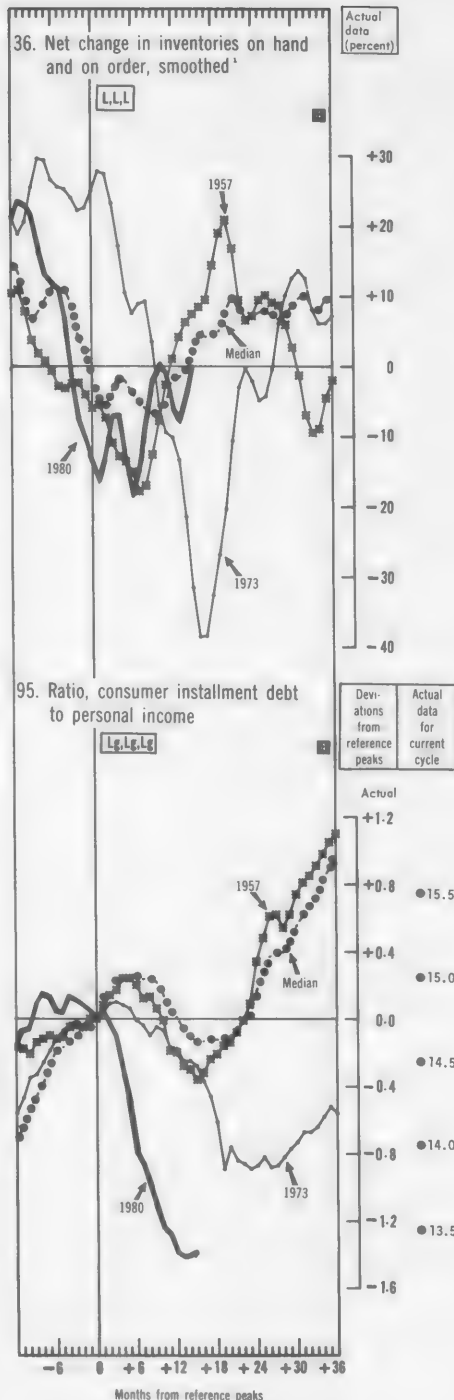
G. Experimental Data and Analyses—Continued

Recession Comparisons: Current and Selected Historical Patterns—Continued

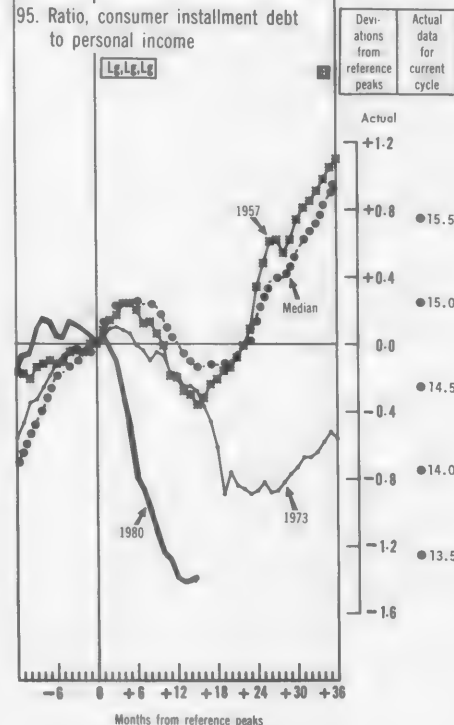


MONTHS FROM REF. PEAK	DEVIATIONS FROM 1/80	CURRENT ACTUAL DATA	MONTH AND YEAR
4	-10.1	117.8	5/80
5	-12.4	114.8	6/80
6	-12.0	115.3	7/80
7	-10.2	117.7	8/80
8	-7.9	120.6	9/80
9	-8.7	119.6	10/80
10	-9.0	119.2	11/80
11	-7.4	121.3	12/80
12	-9.8	118.1	1/81
13	-10.6	117.1	2/81
14	-10.2	117.6	3/81

MONTHS FROM REF. PEAK	DEVIATIONS FROM 1/80	CURRENT ACTUAL DATA	MONTH AND YEAR
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10	-9.0	119.2	11/80
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12	-9.8	118.1	1/81
13	-10.6	117.1	2/81
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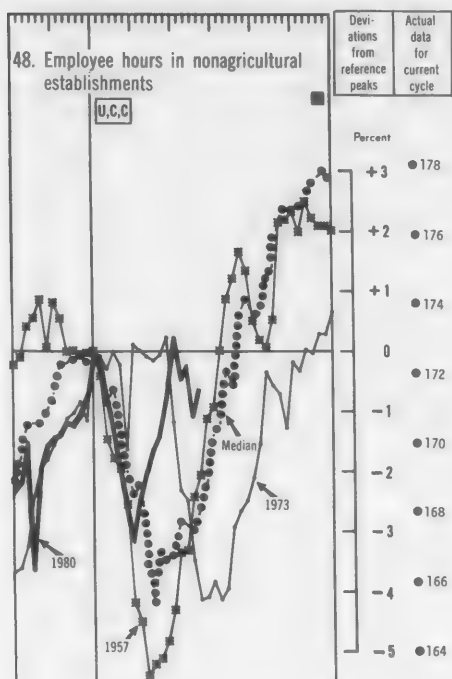


NOTE: See "How to Read Charts" on page 107.

*This series is a weighted 4-term moving average (with weights 1,2,2,1) placed on the terminal month of the span.

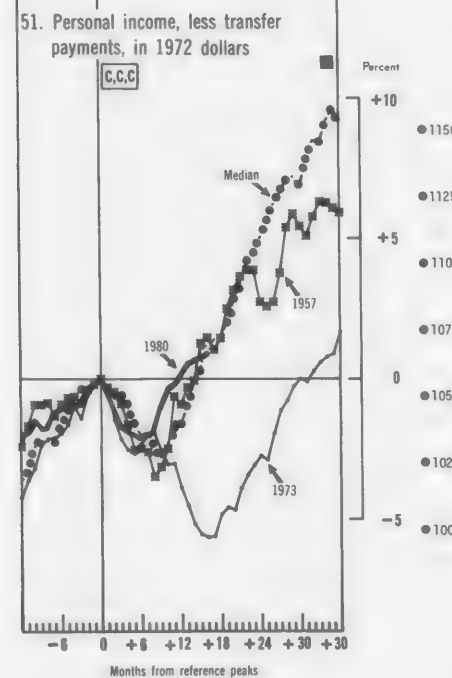
G. Experimental Data and Analyses—Continued

Recession Comparisons: Current and Selected Historical Patterns—Continued



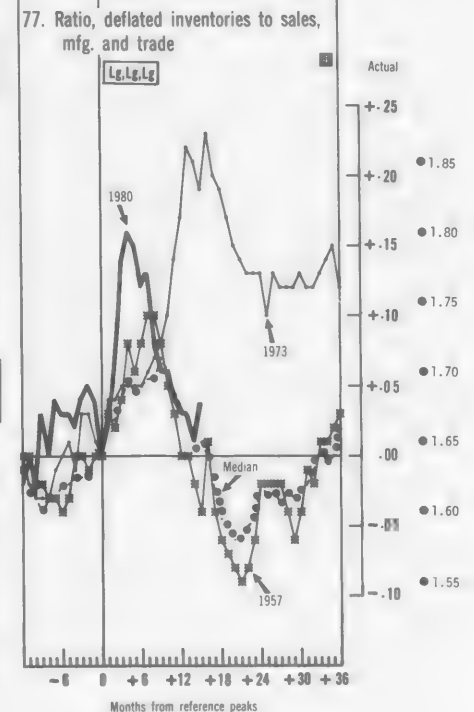
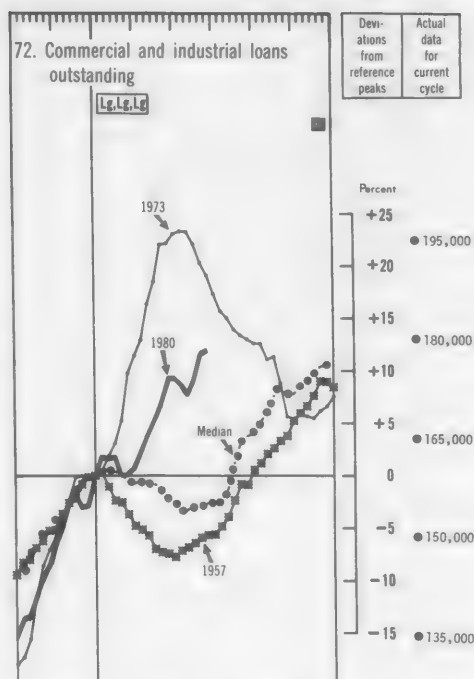
MONTHS FROM REF. PEAK	DEVIATIONS FROM 1/80	CURRENT ACTUAL DATA	MONTH AND YEAR
SERIES 48			
ANN. RATE BIL. HOURS			
5	-2.6	168.12	6/80
6	-3.2	167.12	7/80
7	-2.5	168.28	8/80
8	-2.0	169.12	9/80
9	-1.7	169.78	10/80
10	-1.4	170.22	11/80
11	-0.8	171.22	12/80
12	0.2	173.03	1/81
13	-0.5	171.79	2/81
14	-0.2	172.27	3/81
15	-1.1	170.70	4/81
16	-0.6	171.52	5/81

MONTHS FROM REF. PEAK	DEVIATIONS FROM 1/80	CURRENT ACTUAL DATA	MONTH AND YEAR
SERIES 72			
MIL. DOL.			
6	0.7	160299	7/80
7	2.3	162818	8/80
8	3.8	165306	9/80
9	5.4	167790	10/80
10	7.3	170762	11/80
11	9.4	174191	12/80
12	9.4	174246	1/81
13	8.7	173136	2/81
14	7.5	171216	3/81
15	9.1	173773	4/81
16	11.7	177775	5/81
17	12.0	178362	6/81



MONTHS FROM REF. PEAK	DEVIATIONS FROM 1/80	CURRENT ACTUAL DATA	MONTH AND YEAR
SERIES 51			
ANN. RATE BIL. DOL.			
6	-2.0	1035.1	6/80
7	-2.1	1033.8	7/80
8	-1.9	1036.2	8/80
9	-1.9	1036.9	9/80
10	-1.0	1045.5	10/80
11	-0.5	1051.6	11/80
12	-0.3	1053.7	12/80
13	0.1	1057.8	1/81
14	0.5	1062.0	2/81
15	0.7	1063.5	3/81
16	0.8	1064.5	4/81
17	1.0	1066.6	5/81

MONTHS FROM REF. PEAK	DEVIATIONS FROM 1/80	CURRENT ACTUAL DATA	MONTH AND YEAR
SERIES 77			
RATIO			
4	0.16	1.80	5/80
5	0.15	1.79	6/80
6	0.12	1.76	7/80
7	0.13	1.77	8/80
8	0.08	1.72	9/80
9	0.06	1.70	10/80
10	0.06	1.70	11/80
11	0.04	1.68	12/80
12	0.03	1.67	1/81
13	0.03	1.67	2/81
14	0.01	1.65	3/81
15	0.04	1.68	4/81



NOTE: See "How to Read Charts" on page 107.

ALPHABETICAL INDEX—SERIES FINDING GUIDE

Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (*)	Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (*)
		Charts	Tables					Charts	Tables		
A						Composite indexes					
Accession rate, manufacturing	2	16	61	8/80	18	Coincident indicators	920	10	60	1/81	15
Agricultural products, exports	604	56	92	8/80	64	Four coinciders	920c	39	60	1/81	15
Anticipations and intentions						Four coinciders, rate of change	■	11	60	9/80	15
Business expenditures, new plant and equipment	61	24	67	3/81	34	Ratio to lagging indicator index	■	11	60		
Business expenditures, new plant and equipment, DI	970	38	76	3/81	34	Lagging indicators					
Consumer sentiment, index	58	22	65	8/80	31	Six ladders	■	10	60	1/81	15
Employees, manufacturing and trade, DI	974	38	76	10/80	48	Six ladders, rate of change	■	39	60	1/81	15
Inventories, manufacturing and trade, DI	975	38	76	10/80	48	Leading indicators					
New orders, manufacturing, DI	971	38	76	10/80	48	Capital investment commitments	914	11	60	9/80	15
Prices, selling, manufacturing, DI	976	38	76	10/80	43	Inventory investment and purchasing	915	11	60	9/80	15
Prices, selling, retail trade, DI	978	38	76	10/80	49	Marginal employment adjustments	913	11	60	9/80	15
Prices, selling, wholesale trade, DI	977	38	76	10/80	48	Money and financial flows	917	11	60	9/80	15
Profits, net, manufacturing and trade, DI	972	38	76	10/80	48	Profitability	916	11	60	9/80	15
Sales, net, manufacturing and trade, DI	973	38	76	10/80	48	Twelve leaders	910	10	60	1/81	15
						Twelve leaders, rate of change	910c	39	60	1/81	15
Annals						Construction					
Expenditures, personal consumption	55	22	65	4/81	50	Building permits, new private housing	■	13,25	67	8/80	35
Imports of automobiles and parts	616	56	92	8/80	64	Contracts awarded, commercial and industrial bldgs.	9	23	67	3/81	32
						Expenditures, plus machinery and equipment sales	69	24	67	8/80	28
						Gross private domestic fixed investment					
						Nonresidential, as percent of GNP	248	47	83	4/81	51
						Nonresidential structures, constant dollars	87	25	67	4/81	51
						Nonresidential, total, constant dollars	■	25	67	4/81	51
						Residential as percent of GNP	■	47	83	4/81	51
						Residential, total, constant dollars	89	25	67	4/81	51
						Housing starts	28	25	67	3/81	35
B						Consumer finished goods—See Wholesale prices.					
Balance of payments—See International transactions.						Consumer goods and materials, new orders	8	12,21	64	3/81	26
Bank loans to businesses, loans outstanding	72	15,35	73	12/80	43	Consumer goods, industrial production	75	22	65	12/79	24
Bank loans to businesses, net change	112	32	72	12/80	43	Consumer installment debt					
Bank rates—See Interest rates.						Debt outstanding	■	35	73	3/81	43
Bank reserves						Net change	113	32	72	4/81	43
Free reserves	93	33	72	9/80	45	Ratio to personal income	■	15,35	73	6/81	43
Member bank borrowing from Federal Reserve	94	33	72	9/80	45	Consumer installment loans, delinquency rate	39	33	72	10/80	45
Bonds—See Interest rates.						Consumer prices—See also International comparisons.					
Borrowing—See Credit.						All items, index	320	49	84,95	3/81	59
Budget—See Government.						All items, percent changes	320c	49,59	84,95	3/81	59
Building—See Construction.						Food, index	322	49	84	3/81	59
Building permits, new private housing	29	13,25	67	8/80	35	Food, percent changes	322c	49	84	3/81	59
Business expenditure, industrial production	66	24	67	1/80	24	Consumer sentiment, index	■	22	65	8/80	31
Business expenditures, new plant and equipment	61	24	67	3/81	34	Consumption expenditures—See Personal consumption expenditures.					
Business expenditures, new plant and equipment, DI	970	38	76	3/81	34	Contracts and orders, plant and equipment, constant dol.	■	12,23	66	7/80	32
Business failures, current liabilities	14	33	72	10/80	44	Contracts and orders, plant and equipment, current dol.	10	23	66	7/80	32
Business formation	12	12,23	65	3/80	32	Corporate bond yields	116	34	73	11/80	46
Business incorporations—See Inventories.	13	23	65	3/80	32	Corporate profits—See Profits.					
Business inventories—See Inventories.						Costs—See Labor costs and Price indexes.					
Business loans—See Bank loans						Credit					
Business saving	295	46	82	5/81	37	Bank loans to businesses, net change	112	32	72	12/80	43
C						Canada—See International comparisons.					
Capacity utilization						Borrowing, total private	110	32	72	3/81	44
Manufacturing (BEA)	63	20	64	9/79	25	Commercial and industrial loans outstanding	72	15,35	73	12/80	43
Manufacturing (FRB)	82	20	64	9/79	25	Consumer installment debt					
Materials	84	20	64	9/79	25	Debt outstanding	66	35	73	3/81	43
Capital appropriations, manufacturing						Net change	113	32	72	4/81	43
Backlog	97	24	66	10/80	33	Ratio to personal income	■	15,35	73	6/81	43
Newly approved, DI	11	24	66	10/80	33	Consumer installment loans, delinquency rate	■	33	72	10/80	45
Newly approved, DI	965	37	75	5/81	33	Mortgage debt, net change	33	32	71	3/81	42
Capital investment—See Investment, capital.						Crude materials—See Wholesale prices.					
Capital investment commitments, DI	914	11	60	9/80	15						
Cash flow, corporate, constant dollars	35	29	70	4/81	37						
Cash flow, corporate, current dollars	34	29	70	4/81	37						
Civilian labor force—See also Employment.											
Employment	442	51	89	2/81	20						
Employment as percent of population	90	18	62	2/81	20						
Total	441	51	89	2/81	20						
Unemployed	37	18,51	62,89	2/81	20						
Coincident indicators, four											
Composite index	920	10	60	1/81	15						
Composite index, rate of change	920c	39	74	1/81	15						
D/H diffusion index	951	36	74	12/80	15						
Ratio to lagging indicators, composite index	940	11	60	9/80	15						
Commercial and industrial buildings, contracts awarded	9	23	66	3/81	32						
Commercial and industrial loans outstanding	72	15,35	73	12/80	43						
Commercial and industrial loans outstanding, net change	112	32	72	12/80	43						
Compensation						Debt—See Credit.					
Compensation, average hourly, all employees, nonfarm business sector	345	49	87	11/80	56	Defense					
Compensation, average hourly, all employees, nonfarm business sector, percent changes	345c	50	87	11/80	56	Military prime contract awards	525	53	90	5/80	64
Compensation of employees	280	45	82	5/81	56	National defense purchases	564	55	91	5/81	53
Compensation of employees, percent of national income	64	30,47	70,83	4/81	56	New orders, defense products	■	53	90	8/80	26
Compensation, real average hourly, all employees, nonfarm business sector, percent changes	346	49	88	11/80	56	Obligations incurred	517	53	90	3/81	15
Earnings, average hourly, production workers, private nonfarm economy	340	49	87	10/80	15	Deficit—See Government.					
Earnings, average hourly, production workers, private nonfarm economy, percent changes	340c	50	87	10/80	15	Deflators—See Price indexes.					
Earnings, real average hourly, production workers, private nonfarm economy, percent changes	341	49	87	10/80	15	Delinquency rate, consumer installment loans	39	33	72	10/80	45
Wage and benefit decisions, first year	348	50	88	10/80	15	Deliveries, vendor performance	■	12,21	64	10/80	28
Wage and benefit decisions, life of contract	349	50	88	11/79	62	Diffusion indexes					
Wages and salaries, mining, manufacturing, and construction	53	19	63	6/81	22	Business expenditures, new plant and equipment	970	38	76	3/81	34
						Capital appropriations, manufacturing	965	37	75	5/81	33
						Coincident indicators	■	36	74	12/80	15
						Employees, manufacturing and trade	974	38	76	9/80	15
						Industrial materials prices	■	36	74	9/80	15
						Industrial materials prices, components	■	37	75	5/80	36
						Industrial production	966	37	75	12/80	24
						Industrial production, components	■	37	75	12/80	24
						Initial claims, State unemployment insurance	■	36	74	11/80	18
						Inventories, manufacturing and trade	975	38	76	10/80	48
						Lagging indicators	952	36	74	12/80	15
						Leading indicators	■	36	74	12/80	15
						New orders, durable goods industries	964	37	77	9/80	26
						New orders, durable goods industries, components	■	37	77	9/80	26
						New orders, manufacturing	971	38	76	10/80	48
						Prices, 500 common stocks	■	37	75	12/80	36
						Prices, selling, manufacturing	976	38	76	10/80	48
						Prices, selling, retail trade	■	38	76	10/80	49
						Prices, selling, wholesale trade	977	38	76	10/80	48
						Profits, manufacturing	960	37	75	10/79	48
						Profits, net, manufacturing and trade	973	38	76	10/80	48
						Sales, net, manufacturing and trade	973	38	76	10/80	48
						Workweek, mfg. production workers	■	36	74	9/80	15
						Workweek, mfg. production workers, components	■	36	77	9/80	15
						Disposable personal income—See Income.					

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	Charts	Tables	Charts	Tables	Charts			Tables						
Earnings—See Compensation.														
Employment and unemployment														
Accession rate, manufacturing	2	16	61		8/80	18	Gross business product							
Civilian labor force, total	441	51	89		2/81	20	Fixed weighted price index	311	48	84	5/81	58		
Employment hours in nonagricultural establishments	48	17	61		3/81	15	Fixed weighted price index, percent changes	311c	48	84	5/81	59		
Employment hours in nonagricultural establishments, rate of change	48c	39			3/81	15	Gross domestic product, labor cost per unit	68	30	70	4/81	39		
Employees in mining, mfg., and construction	974	38	76		10/80	48	Gross national product							
Employees in manufacturing and trade, DI	41	14, 17	62		9/80	15	GNP, constant dollars	50	19, 40	63, 80	5/81	49		
Employees on nonagricultural payrolls	442	51	89		2/81	20	GNP, constant dollars, differences	50c	39	80	5/81	49		
Employees on private nonfarm payrolls, DI	442	51	89		2/81	20	GNP, constant dollars, percent changes	50c	39	80	5/81	49		
Employment, ratio to population	90	18	62		2/81	20	GNP, current dollars	200c	40	80	5/81	49		
Employment, total, GNP	46	17	61		11/80	19	GNP, current dollars, differences	200c	40	80	5/81	49		
Help-wanted advertising in newspapers	46	17	61		3/81	19	GNP, current dollars, percent changes	200c	40	80	5/81	49		
Help-wanted advertising, ratio to unemployment	5	16	61		7/80	18	GNP, ratio to money supply	107	31	71	4/81	40		
Initial claims, State unemployment insurance	11	36	74		11/80	18	Goods output in constant dollars	49	20	63	4/81	25		
Initial claims, State unemployment insurance, DI	3	12, 16	61		8/80	18	Implicit price deflator	310	48	84	5/81	49		
Layoff rate, manufacturing	913	11	60		9/80	15	Implicit price deflator, percent changes	310c	48	84	5/81	49		
Marginal employment adjustments, CI	21	16	61		8/80	15	Per capita GNP, constant dollars	217	40	80	5/81	49		
Overtime hours, mfg. production workers	463	51	89		2/81	20	Gross private domestic invest.—See Investment, capital.							
Participation rate, females 20 years and over	451	51	89		2/81	20								
Participation rate, males 20 years and over	451	51	89		2/81	20								
Part-time workers for economic reasons	444	51	89		2/81	20								
Persons engaged in nonagricultural activities	42	17	62		2/81	20								
Quit rate, manufacturing	4	16	61		8/80	18								
Unemployed, both sexes, 16-19 years old	445	51	89		2/81	20								
Unemployed, females 20 years and over	445	51	89		2/81	20								
Unemployed, full-time workers	447	51	89		2/81	20								
Unemployed, males 20 years and over	444	51	89		2/81	20								
Unemployment, average duration	11	15, 18	62		2/81	20								
Unemployment rate, 15 weeks and over	11	18	62		2/81	20								
Unemployment rate, insured, average weekly	11	18	62		2/81	18								
Unemployment rate, total	43	18	62		2/81	20								
Unemployment, total civilian	37	18, 51	62, 89		2/81	20								
Workweek, mfg. production workers	1	12, 16	61		8/80	15								
Workweek, mfg. production workers, components			77											
Workweek, mfg. production workers, DI	961	36	74		9/80	15								
Equipment—See Investment, capital.														
Exports—See Foreign trade and International transactions.														
Federal funds rate														
Federal Government—See Government.														
Federal Reserve, member-bank borrowing from	94	33	72		9/80	45								
Firm sales in constant dollars	213	40	80		5/81	49								
Firm sales in current dollars	917	11	60		9/80	15								
Fixed investment—See Investment, capital.														
Fixed-weighted price index, NIPA	311	48	84		5/81	58								
Fixed-weighted price index, percent changes, NIPA	311c	48	84		5/81	59								
Food—See Consumer prices.														
Foreign trade—See also International transactions.														
Balance on goods and services	622	57	93		7/80	65								
Balance on merchandise trade	618	57	93		7/80	65								
Exports, merchandise, adjusted, exc. military	602	57	93		8/80	64								
Exports of agricultural products	602	56	92		8/80	64								
Exports of goods and services, constant dol., NIPA	256	44	82		5/81	54								
Exports of goods and services, current dol., NIPA	252	44	82		4/81	54								
Exports of goods and services, exc. military	668	57	93		7/80	65								
Exports of nonelectrical machinery	606	56	92		8/80	64								
Imports, merchandise, adjusted, exc. military	620	57	93		7/80	65								
Imports, merchandise, total	612	56	92		8/80	64								
Imports of automobiles and parts	616	56	92		8/80	64								
Imports of goods and services, constant dol., NIPA	251	44	82		5/81	54								
Imports of goods and services, current dol., NIPA	253	44	82		5/81	54								
Imports of goods and services, total	614	56	92		7/80	65								
Imports of petroleum and products	614	56	92		8/80	64								
Net exports, goods and services, constant dol., NIPA	255	44	82		5/81	54								
Net exports, goods and services, current dol., NIPA	250	44	82		4/81	54								
Net exports, goods and services, percent of GNP, NIPA	251	47	83		4/81	54								
France—See International comparisons.														
Free reserves														
Balance on goods and services	622	57	93		7/80	65								
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France—See International comparisons.														
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Exports of goods and services, current dol., NIPA	252	44	82		4/81	54								
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Imports of automobiles and parts	616	56	92		8/80	64								
Imports of goods and services, constant dol., NIPA	251	44	82		5/81	54								
Imports of goods and services, current dol., NIPA	253	44	82		5/81	54								
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Net exports, goods and services, current dol., NIPA	250	44	82		4/81	54								
Net exports, goods and services, percent of GNP, NIPA	251	47	83		4/81	54								
France—See International comparisons.														
Free reserves														
Balance on goods and services	622	57	93		7/80	65								
Balance on merchandise trade	618	57	93		7/80	65								
Exports, merchandise, adjusted, exc. military	602	57	93		8/80	64								
Exports of agricultural products	602	56	92		8/80	64								
Exports of goods and services, constant dol., NIPA	256	44	82		5/81	54								
Exports of goods and services, current dol., NIPA	252	44	82		4/81	54								
Exports of goods and services, exc. military	668	57	93		7/80	65								
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Imports, merchandise, total	612	56	92		8/80	64								
Imports of automobiles and parts	616	56	92		8/80	64								
Imports of goods and services, constant dol., NIPA	251	44	82		5/81	54								
Imports of goods and services, current dol., NIPA	253	44	82		5/81	54								
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Net exports, goods and services, percent of GNP, NIPA	251	47	83		4/81	54								
France—See International comparisons.														
Free reserves														
Balance on goods and services	622	57	93		7/80	65								
Balance on merchandise trade	618	57	93		7/80	65								
Exports, merchandise, adjusted, exc. military	602	57	93		8/80	64								
Exports of agricultural products	602	56	92		8/80	64								
Exports of goods and services, constant dol., NIPA	256	44	82		5/81	54								
Exports of goods and services, current dol., NIPA	252	44	82		4/81	54								
Exports of goods and services, exc. military	668	57	93		7/80	65								
Exports of nonelectrical machinery	606	56	92		8/80	64								
Imports, merchandise, adjusted, exc. military	620	57	93		7/80	65								
Imports, merchandise, total	612	56	92		8/80	64								
Imports of automobiles and parts	616	56	92		8/80	64								
Imports of goods and services, constant dol., NIPA	251	44	82		5/81	54								
Imports of goods and services, current dol., NIPA	253	44												

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		Charts	Tables					Charts	Tables		
Interest, net	288	45	82	5/81	57	Plant and equipment					
Interest, net, percent of national income	47	83		5/81	57	Business expenditures, new	61	24	67	3/81	34
Interest rates						Business expenditures, new, D1	970	38	76	7/81	34
Bank rates on short-term business loans	67	35	73	3/81	46	Contracts and orders, constant dollars	112, 23	66	3/81	32	
Corporate bond yields	116	34	73	11/80	46	Contracts and orders, current dollars	113	66	7/80	32	
Federal funds rate	119	34	72	11/80	46	Investment, foreign					
Mortgage yields, secondary market	118	34	73	11/80	46	Income on foreign investments in U.S.	652	57	93	7/80	65
Municipal bond yields	117	34	73	11/80	46	Income on U.S. investments abroad	651	57	93	7/80	65
Prime rate charged by banks	115	34	72	11/80	46	Italy—See International comparisons.					
Treasury bill rate	114	34	72	11/80	46						
Treasury bond yields	115	34	73	11/80	46						
Intermediate materials—See Wholesale prices.											
International comparisons						Japan—See International comparisons.					
Consumer prices											
Canada, index	733	59	96	11/80	68						
Canada, percent changes	733c	59	96	11/80	68						
France, index	736	59	95	11/80	68						
France, percent changes	736c	59	95	11/80	68						
Italy, index	737	59	96	11/80	69						
Italy, percent changes	737c	59	96	11/80	69						
Japan, index	738	59	95	11/80	69						
Japan, percent changes	738c	59	95	11/80	69						
United Kingdom, index	732	59	95	11/80	68						
United Kingdom, percent changes	732c	59	95	11/80	68						
United States, index	320	49, 59	84, 95	3/81	59						
United States, percent changes	320c	49, 59	84, 95	3/81	59						
West Germany, index	735	59	95	11/80	68						
West Germany, percent changes	735c	59	95	11/80	68						
Industrial production											
Canada	723	58	94	12/80	66						
France	726	58	94	12/80	66						
Italy	727	58	94	12/80	66						
Japan	728	58	94	12/80	66						
OECD, European countries	721	58	94	12/80	66						
United Kingdom	722	58	94	12/80	66						
United States	47	14, 20, 58	63, 94	9/80	24						
West Germany	725	58	94	12/80	66						
Stock prices											
Canada	743	59	96	6/79	70						
France	746	59	96	6/79	70						
Italy	747	59	96	6/79	70						
Japan	748	59	96	6/79	70						
United Kingdom	742	59	96	6/79	70						
United States	19	59	96	6/79	36						
West Germany	745	59	96	6/79	70						
International transactions—See also Foreign trade.											
Balance on goods and services	617	57	93	7/80	65						
Balance on merchandise trade	622	57	93	7/80	65						
Exports, merchandise, adjusted, exc. military	618	57	93	7/80	65						
Exports, merchandise, total, exc. military and	600	56	92	8/80	64						
Exports of agricultural products	601	56	92	8/80	64						
Exports of goods and services, exc. military	602	56	92	8/80	65						
Exports of nonmilitary machinery	603	56	92	8/80	64						
Imports, merchandise, adjusted, exc. military	620	57	93	7/80	65						
Imports, merchandise, total	612	56	92	8/80	64						
Imports of automobiles and parts	616	56	92	8/80	64						
Imports of goods and services, total	617	57	93	7/80	65						
Imports of petroleum and products	614	56	92	8/80	64						
Income on foreign investments in U.S.	651	57	93	7/80	65						
Income on U.S. investments abroad	651	57	93	7/80	65						
Inventories											
Business inventories, change, constant dollars	261	26, 42	68, 81	4/81	51						
Business inventories, change, current dollars	261	42	81	4/81	51						
Business inventories, change, percent of GNP	247	47	83	4/81	51						
Finished goods, manufacturers'	65	27	68	8/80	28						
Inventories on hand and on order, net change	11	13, 26	68	3/81	28						
Inventories to sales ratio, mfg. and trade (deflated)	77	27	68	1/80	28						
Inventory investment and purchasing, CI	915	11	60	9/80	15						
Manufacturing and trade, constant dollars	70	15, 27	68	12/79	28						
Manufacturing and trade, current dollars	71	27	68	12/79	28						
Manufacturing and trade, current dollars, change	31	26	68	9/80	28						
Manufacturing and trade, CI	975	38	76	10/80	48						
Materials and supplies on hand and on order, mfg.	11	27	68	8/80	28						
Materials and supplies on hand and on order, mfg.	11	26	68	8/80	28						
Investment, capital											
Capital appropriations, manufacturing, backlog	11	24	66	10/80	33						
Capital appropriations, manufacturing, new, D1	965	37	75	5/81	33						
Capital appropriations, manufacturing, new, D1	914	11	60	9/80	15						
Construction contracts, commercial and industrial	9	23	66	3/81	32						
Construction expenditures, business and machinery and equipment sales	69	24	67	8/80	28						
Gross private domestic investment											
Fixed investment, constant dollars	243	42	81	4/81	51						
Fixed investment, current dollars	242	42	81	4/81	51						
Inventories, business, change in—See Inventories.											
Nonresidential, total, constant dollars	248	47	83	4/81	51						
Nonresidential, total, percent of GNP	248	47	83	4/81	51						
Producers' durable equip., nonresid., constant dol.	248	47	83	4/81	51						
Residential, total, constant dollars	248	47	83	4/81	51						
Residential, total, percent of GNP	248	47	83	4/81	51						
Structures, nonresidential, constant dollars	241	42	81	4/81	51						
Total, constant dollars	240	42	81	4/81	51						
Total, current dollars											
New orders, capital goods, nondefense, constant dollars	27	23	66	8/80	26						
New orders, capital goods, nondefense, current dollars	27	23	66	8/80	26						

*The number shown indicates the page on which the series description appears in the *HANDBOOK OF CYCLICAL INDICATORS* (1977).

ALPHABETICAL INDEX—SERIES FINDING GUIDE—Continued

Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (*)	Series titles (See complete titles in "Titles and Sources of Series," following this index)	Series number	Current issue (page numbers)		Historical data (issue date)	Series descriptions (*)
		Charts	Tables					Charts	Tables		
P						Reserves, free	93	33	72	9/80	45
Participation rates, civilian labor force						Residential fixed investment, constant dollars [~] GDI	89	25	67	4/81	51
Both sexes, 16-19 years of age	51	89	2/81	20		Residential fixed investment, percent of GNP	89	47	83	4/81	51
Females 20 years and over	452	89	2/81	20		Residential structures—See Housing.					
Males 20 years and over	451	89	2/81	20		Retail sales, constant dollars	59	22	65	6/80	31
Personal consumption expenditures						Retail sales, current dollars	54	22	65	6/80	31
Automobiles	55	22	65	4/81	50						
Durable goods, constant dollars	233	41	80	4/81	50						
Durable goods, current dollars	232	41	80	4/81	50						
Nondurable goods, constant dollars	231	41	81	4/81	50						
Nondurable goods, current dollars	236	41	81	4/81	50						
Services, constant dollars	239	41	81	4/81	50						
Services, current dollars	237	41	81	4/81	50						
Total, constant dollars	231	41	80	4/81	50						
Total, current dollars	231	41	80	4/81	50						
Total, percent of GNP	235	47	83	4/81	50						
Personal income—See Income.											
Personal saving	46	83	5/81	58							
Personal saving rate	46	83	5/81	58							
Petroleum and products, imports	514	56	92	8/80	64						
Plant and equipment—See also Investment, capital.											
Business expenditures for	24	67	3/81	34							
Business expenditures for, DI	38	76	3/81	34							
Contracts and orders for, constant dollars	20	12, 23	7/80	32							
Contracts and orders for, current dollars	10	23	7/80	32							
Population, civilian employment as percent of	90	18	2/81	20							
Price indexes											
Consumer prices—See also International comparisons.											
All items, index	320	49	84, 95	3/81	59						
All items, percent changes	320c	49, 59	84, 95	3/81	59						
Food, index	322	49	84	3/81	59						
Food, percent changes	322c	49	84	3/81	59						
Deflators, NIPA											
Fixed weighted, gross business product, index	311	48	5/81	58							
Fixed weighted, gross business product, pct. changes	311c	48	5/81	58							
Implicit price deflator, GNP, index	310	48	5/81	49							
Implicit price deflator, GNP, percent changes	310c	48	5/81	49							
Industrial materials	23	28	69	5/80	36						
Industrial materials, components	79										
Industrial materials, DI	37	75	5/80	36							
Labor cost, price per unit of	29	70	7/80								
Sensitive prices, change in	92	13, 28	69	4/81	60						
Stock prices—See also International comparisons.											
500 common stocks	19	13, 28	69	3/81	36						
500 common stocks, DI	968	37	75	12/80	36						
Wholesale prices											
All commodities, index	330	48	6/81	59							
All commodities, percent changes	330c	48	6/81	59							
Consumer finished goods, index	334	48	6/81	60							
Consumer finished goods, percent changes	334c	48	6/81	60							
Crude materials, index	331	48	6/81	60							
Crude materials, percent changes	331c	48	6/81	60							
Intermediate materials, index	332	48	6/81	60							
Intermediate materials, percent changes	332c	48	6/81	60							
Producer finished goods, index	333	48	6/81	60							
Producer finished goods, percent changes	333c	48	6/81	60							
Price to unit labor cost, nonfarm business	29	70	7/80								
Prices, selling											
Manufacturing, DI	976	38	76	10/80	48						
Retail trade, DI	978	38	76	10/80	48						
Wholesale trade, DI	977	38	76	10/80	48						
Prime contracts, military	525	53	90	5/80	64						
Price rate charged by banks	178	35	73	11/80	46						
Producer finished goods—See Wholesale prices.											
Producers' durable equipment, nonresid., GDI	88	25	67	4/81	51						
Production—See Industrial production and GNP.											
Productivity											
Output per hour, nonfarm business sector	370	50			61						
Output per hour, private business sector	370	50			61						
Output per hour, private business sector, pct. changes	370c	50			61						
Profitability, CI	916	11	60	9/80	15						
Profits											
Corporate, after taxes, constant dollars	16	28	69	4/81	37						
Corporate, after taxes, current dollars	16	28	69	4/81	37						
Corporate, after taxes, with IVA and CCA	80	28	69	4/81	37						
Corporate, after taxes, with IVA and CCA, cur. dol.	71	28	69	4/81	37						
Corporate, with IVA and CCA	80	45	83	5/81	37						
Corporate, with IVA and CCA, pct. of nat'l. income	972	47	83	5/81	37						
Manufacturing and trade, DI	972	47	83	5/81	37						
Manufacturing, DI	972	47	83	5/81	37						
Per dollar of sales, manufacturing	15	29	70	7/80							
Profitability, CI	916	11	60	9/80	15						
Ratio, profits to corporate domestic income	22	29	69	4/81	37						
Ratio, profits with IVA and CCA to corporate domestic income	81	29	70	4/81	37						
Proprietors' income with IVA and CCA	282	45	82	5/81	56						
Proprietors' income with IVA and CCA, pct. of nat'l. inc.	972	47	83	5/81	56						
Q											
Quit rate, manufacturing	4	16	61	8/80	18						
R											
Rental income of persons, with CCA	47	82	5/81	57							
Rental income of persons, with CCA, percent of national income	47	82	5/81	57							

NOTE: CI, composite index; DI, diffusion index; GDI, gross private domestic investment; NIPA, national income and product accounts.
*The number shown indicates the page on which the series description appears in the HANDBOOK OF CYCLICAL INDICATORS (1977).

TITLES AND SOURCES OF SERIES

Series are listed below according to the sections of this report in which they appear. Series numbers are for identification only and do not reflect relationships or order among the series. "M" following a series title indicates monthly data; "Q" indicates quarterly data. Data apply to the whole period except when indicated by "EOM" (end of month) or "EOQ" (end of quarter).

To save space, the commonly used sources listed below are referred to by number:

Source 1—U.S. Department of Commerce, Bureau of Economic Analysis; Source 2—U.S. Department of Commerce, Bureau of the Census; Source 3—U.S. Department of Labor, Bureau of Labor Statistics; Source 4—Board of Governors of the Federal Reserve System.

Following the source for each series is an indication of the pages on which that series appears. The "Series Finding Series" also lists chart and table page numbers for each series.

I-A. Composite Indexes

910. Composite index of twelve leading indicators (includes series 1, 3, 8, 12, 19, 20, 29, 32, 36, 92, 104, 106) (M).—Source 1 (10,39,60)
913. Composite index of marginal employment adjustments (includes series 1, 2, 3, 5) (M).—Source 1 (11,60)
914. Composite index of capital investment commitments (includes series 12, 20, 29) (M).—Source 1 (11,60)
915. Composite index of inventory investment and purchasing (includes series 8, 32, 36, 92) (M).—Source 1 (11,60)
916. Composite index of profitability (includes series 19, 26, 80) (M).—Source 1 (11,60)
917. Composite index of money and financial flows (includes series 104, 106, 110) (M).—Source 1 (11,60)
920. Composite index of four roughly coincident indicators (includes series 41, 47, 51, 57) (M).—Source 1 (10,39,60)
930. Composite index of six lagging indicators (includes series 62, 70, 72, 91, 95, 109) (M).—Source 1 (10,39,60)
940. Ratio, coincident composite index (series 920) to lagging composite index (series 930) (M).—Source 1 (11,60)

I-B. Cyclical Indicators

1. Average workweek of production workers, manufacturing (M).—Source 3 (12,16,61,77)
2. Accession rate, manufacturing (M).—Source 3 (16,61)
3. Layoff rate, manufacturing (M).—Source 3 (12,16,61)
4. Quit rate, manufacturing (M).—Source 3 (16,61)
5. Average weekly initial claims for unemployment insurance, State programs (M).—U.S. Department of Labor, Employment and Training Administration; seasonal adjustment by Bureau of Economic Analysis (16,61)
6. Value of manufacturers' new orders, durable goods industries, in current dollars (M).—Source 2 (21,64,77)
7. Value of manufacturers' new orders, durable goods industries, in 1972 dollars (M).—Sources 1, 2, and 3 (21,64)
8. Value of manufacturers' new orders for consumer goods and materials in 1972 dollars (M).—Sources 1, 2, and 3 (12,21,64)
9. Construction contracts awarded for commercial and industrial buildings, floor space (M).—McGraw-Hill Information Systems Company; seasonal adjustment by

Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (23,66)

10. Contracts and orders for plant and equipment in current dollars (M).—Source 2 and McGraw-Hill Information Systems Company; seasonal adjustment by Bureau of the Census and Bureau of Economic Analysis (23,66)
11. Newly approved capital appropriations, 1,000 manufacturing corporations (Q).—The Conference Board (24,66)
12. Index of net business formation (M).—Source 1; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (12,23,65)
13. Number of new business incorporations (M).—Dun & Bradstreet, Inc.; seasonal adjustment by Bureau of Economic Analysis and National Bureau of Economic Research, Inc. (23,65)
14. Current liabilities of business failures (M).—Dun & Bradstreet, Inc. (33,72)
15. Profits (after taxes) per dollar of sales, all manufacturing corporations (Q).—Federal Trade Commission and Securities and Exchange Commission; seasonal adjustment by Bureau of Economic Analysis (29,70)
16. Corporate profits after taxes in current dollars (Q).—Source 1 (28,69)
18. Corporate profits after taxes in 1972 dollars (Q).—Source 1 (28,69)
19. Index of stock prices, 500 common stocks (M).—Standard & Poor's Corporation (13,28,59,69,96)
20. Contracts and orders for plant and equipment in 1972 dollars (M).—Sources 1, 2, 3, and McGraw-Hill Information Systems Company (12,23,66)
21. Average weekly overtime hours of production workers, manufacturing (M).—Source 3 (16,61)
22. Ratio of profits (after taxes) to total corporate domestic income (Q).—Source 1 (29,69)
23. Index of spot market prices, raw industrial materials (M).—Source 3 (28,69,79)
24. Value of manufacturer's new orders, capital goods industries, nondefense, in current dollars (M).—Source 2 (23,66)
25. Change in manufacturers' unfilled orders, durable goods industries (M).—Source 2 (21,64)
26. Ratio, implicit price deflator to unit labor cost, nonfarm business sector (Q).—Sources 1 and 3 (29,70)
27. Value of manufacturers' new orders, capital goods industries, nondefense, in 1972 dollars (M).—Sources 1, 2, and 3 (23,66)
28. New private housing units started, total (M).—Source 2 (25,67)
29. Index of new private housing units authorized by local building permits (M).—Source 2 (13,25,67)
30. Gross private domestic investment, change in business inventories, all industries, in 1972 dollars (Q).—Source 1 (26,42,68,81)
31. Change in book value of manufacturing and trade inventories, total (M).—Sources 1 and 2 (26,68)
32. Vendor performance, percent of companies receiving slower deliveries (M).—Purchasing Management Association of Chicago (12,21,64)

33. Net change in mortgage debt held by financial institutions and life insurance companies (M).—American Council of Life Insurance; Federal National Mortgage Association; U.S. Department of Housing and Urban Development, Government National Mortgage Association; National Association of Mutual Savings Banks; U.S. Savings and Loan League; and source 4; seasonal adjustment by Bureau of Economic Analysis (32,71)
34. Net cash flow, corporate, in current dollars (Q).—Source 1 (29,70)
35. Net cash flow, corporate, in 1972 dollars (Q).—Source 1 (29,70)
36. Net change in inventories on hand and on order in 1972 dollars (smoothed) (M).—Sources 1, 2, and 3 (13,26,68)
37. Number of persons unemployed, labor force survey (M).—Sources 2 and 3 (18,51,62,89)
38. Change in stocks of materials and supplies on hand and on order, manufacturing (M).—Source 2 (26,68)
39. Percent of consumer installment loans delinquent 30 days and over (EOM).—American Bankers Association (33,72)
40. Number of employees in nonagricultural goods-producing industries—mining, manufacturing, and construction (M).—Source 3 (17,62)
41. Number of employees on nonagricultural payrolls, establishment survey (M).—Source 3 (14,17,62)
42. Number of persons engaged in nonagricultural activities, labor force survey (M).—Sources 2 and 3 (17,62)
43. Unemployment rate, total (M).—Sources 2 and 3 (18,62)
44. Unemployment rate, persons unemployed 15 weeks and over (M).—Sources 2 and 3 (18,62)
45. Average weekly insured unemployment rate, State programs (M).—U.S. Department of Labor, Employment and Training Administration (18,62)
46. Index of help-wanted advertising in newspapers (M).—The Conference Board (17,61)
47. Index of industrial production, total (M).—Source 4 (14,20,39,58,63,78,94)
48. Employee-hours in nonagricultural establishments (M).—Source 3 (17,39,61)
49. Value of goods output in 1972 dollars (Q).—Source 1 (20,63)
50. Gross national product in 1972 dollars (Q).—Source 1 (19,39,40,63,80)
51. Personal income, less transfer payments, in 1972 dollars (M).—Source 1 (14,19,39,63)
52. Personal income, total, in 1972 dollars (M).—Source 1 (19,63)
53. Wage and salary income in mining, manufacturing, and construction in 1972 dollars (M).—Sources 1 and 3 (19,63)
54. Sales of retail stores in current dollars (M).—Source 2 (22,65)
55. Personal consumption expenditures, automobiles (Q).—Source 1 (22,65)
56. Manufacturing and trade sales in current dollars (M).—Sources 1 and 2 (22,65)
57. Manufacturing and trade sales in 1972 dollars (M).—Sources 1, 2, and 3 (14,22,65)
58. Index of consumer sentiment (Q,M).—University of Michigan, Survey Research Center (22,65)
59. Sales of retail stores in 1972 dollars (M).—Sources 1, 2, and 3 (22,65)

TITLES AND SOURCES OF SERIES— Continued

60. Ratio, help-wanted advertising in newspapers (series 46) to number of persons unemployed (series 37) (M).—Sources 1, 2, 3, and The Conference Board (17,61)
61. Business expenditures for new plant and equipment, total (Q).—Source 1 (24,67)
62. Index of labor cost per unit of output, total manufacturing—ratio, index of compensation of employees in manufacturing (sum of wages, salaries, and supplements to wages and salaries) to index of industrial production, manufacturing (M).—Sources 1 and 4 (15,30,70)
63. Index of unit labor cost, private business sector (Q).—Source 3 (30,70)
64. Compensation of employees as a percent of national income (Q).—Source 1 (30,47,70,83)
65. Manufacturers' inventories of finished goods, book value, all manufacturing industries (EOM).—Source 2 (27,68)
66. Consumer installment credit (EOM).—Source 4; FRB seasonally adjusted net change added to seasonally adjusted figure for previous month to obtain current figure (35,73)
67. Bank rates on short-term business loans (Q).—Source 4 (35,73)
68. Labor cost (current dollars) per unit of gross domestic product (1972 dollars), nonfinancial corporations—ratio of current-dollar compensation of employees to real gross corporate product (Q).—Source 1 (30,70)
69. Manufacturers' machinery and equipment sales and business construction expenditures (industrial and commercial construction put in place) (M).—Source 2 (24,67)
70. Manufacturing and trade inventories in 1972 dollars (EOM).—Sources 1, 2, and 3 (15,27,68)
71. Manufacturing and trade inventories, total book value, in current dollars (EOM).—Sources 1 and 2 (27,68)
72. Commercial and industrial loans outstanding, weekly reporting large commercial banks (M).—Source 4; seasonal adjustment by Bureau of Economic Analysis (15,35,73)
73. Index of industrial production, durable manufactures (M).—Source 4 (20,63)
74. Index of industrial production, nondurable manufactures (M).—Source 4 (20,63)
75. Index of industrial production, consumer goods (M).—Source 4 (22,65)
76. Index of industrial production, business equipment (M).—Source 4 (24,67)
77. Ratio, constant-dollar inventories (series 70) to sales (series 57), manufacturing and trade, total (EOM).—Sources 1, 2, and 3 (27,68)
78. Stocks of materials and supplies on hand and on order, manufacturing (EOM).—Source 2 (27,68)
79. Corporate profits after taxes with inventory valuation and capital consumption adjustments in current dollars (Q).—Source 1 (28,69)
80. Corporate profits after taxes with inventory valuation and capital consumption adjustments in 1972 dollars (Q).—Source 1 (28,69)
81. Ratio of profits (after taxes) with inventory valuation and capital consumption adjustments to total corporate domestic income (Q).—Source 1 (29,70)
82. Rate of capacity utilization, manufacturing (Q).—Source 4 (20,64)
83. Rate of capacity utilization, manufacturing (EQQ).—Source 1 (20,64)
84. Rate of capacity utilization, materials (Q).—Source 4 (20,64)
85. Change in money supply M1-B (M).—Source 4 (31,71)
86. Gross private domestic fixed investment, total nonresidential, in 1972 dollars (Q).—Source 1 (25,67)
87. Gross private domestic fixed investment, nonresidential structures, in 1972 dollars (Q).—Source 1 (25,67)
88. Gross private domestic fixed investment, nonresidential producers' durable equipment, in 1972 dollars (Q).—Source 1 (25,67)
89. Gross private domestic fixed investment, total residential, in 1972 dollars (Q).—Source 1 (25,67)
90. Ratio, civilian employment to total population of working age (M).—Sources 1, 2, and 3 (18,62)
91. Average (mean) duration of unemployment in weeks (M).—Sources 2 and 3 (15,18,62)
92. Change in sensitive crude materials prices (PPI of crude materials less agricultural products) (smoothed) (M).—Sources 1 and 3 (13,28,69)
93. Free reserves (member banks excess reserves minus borrowings) (M).—Source 4 (33,72)
94. Member bank borrowings from the Federal Reserve (M).—Source 4 (33,72)
95. Ratio, consumer installment credit to personal income (EOM).—Sources 1 and 4 (15,35,73)
96. Manufacturers' unfilled orders, durable goods industries (EOM).—Source 2 (21,64)
97. Backlog of capital appropriations, 1,000 manufacturing corporations (EQQ).—The Conference Board (24,66)
102. Change in money supply M2 (M).—Source 4 (31,71)
104. Change in total liquid assets (smoothed) (M).—Sources 1 and 4 (13,31,71)
105. Money supply M1-B in 1972 dollars (M).—Sources 1, 3, and 4 (31,71)
106. Money supply M2 in 1972 dollars (M).—Sources 1, 3, and 4 (13,31,71)
107. Ratio, gross national product to money supply M1-B (Q).—Sources 1 and 4 (31,71)
108. Ratio, personal income to money supply M2 (M).—Sources 1 and 4 (31,71)
109. Average prime rate charged by banks (M).—Source 4 (35,73)
110. Total funds raised by private nonfinancial borrowers in credit markets (Q).—Source 4 (32,72)
112. Net change in bank loans to businesses (M).—Source 4; seasonal adjustment by Bureau of Economic Analysis (32,72)
113. Net change in consumer installment credit (M).—Source 4 (32,72)
114. Discount rate on new issues of 91-day Treasury bills (M).—Source 4 (34,72)
115. Yield on long-term Treasury bonds (M).—U.S. Department of the Treasury (34,73)
116. Yield on new issues of high-grade corporate bonds (M).—Citibank and U.S. Department of the Treasury (34,73)
117. Yield on municipal bonds, 20-bond average (M).—The Bond Buyer (34,73)
118. Secondary market yields on FHA mortgages (M).—U.S. Department of Housing and Urban Development, Federal Housing Administration (34,73)
119. Federal funds rate (M).—Source 4 (34,72)

1-C. Diffusion Indexes

950. Diffusion index of twelve leading indicator components (M).—Source 1 (36,74)
951. Diffusion index of four roughly coincident indicator components (M).—Source 1 (36,74)
952. Diffusion index of six lagging indicator components (M).—Source 1 (36,74)
960. Diffusion index of net profits, manufacturing—about 700 companies (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (35,75)
961. Diffusion index of average workweek of production workers, manufacturing—20 industries (M).—Sources 1 and 3 (36,74,77)
962. Diffusion index of initial claims for unemployment insurance, State programs—51 areas (M).—Source 1 and U.S. Department of Labor, Employment and Training Administration; seasonal adjustment by Bureau of Economic Analysis (36,74)
963. Diffusion index of number of employees on private nonagricultural payrolls—172 industries (M).—Source 3 (36,74)
964. Diffusion index of value of manufacturers' new orders, durable goods industries—35 industries (M).—Sources 1 and 2 (37,75,77)
965. Diffusion index of newly approved capital appropriations, deflated—17 manufacturing industries (Q).—The Conference Board (37,75)
966. Diffusion index of industrial production—24 industries (M).—Sources 1 and 4 (37,75,78)
967. Diffusion index of spot market prices, raw industrials—13 industrial materials (M).—Sources 1 and 3 (37,75,79)
968. Diffusion index of stock prices, 500 common stocks—53-82 industries (M).—Standard & Poor's Corporation (37,75)
970. Diffusion index of business expenditures for new plant and equipment, total—18 industries (Q).—Source 1 (38,76)
971. Diffusion index of new orders, manufacturing—about 700 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)
972. Diffusion index of net profits, manufacturing and trade—about 1400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)
973. Diffusion index of net sales, manufacturing and trade—about 1400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)
974. Diffusion index of number of employees, manufacturing and trade—about 1400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)
975. Diffusion index of level of inventories, manufacturing and trade—about 1400 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)
976. Diffusion index of selling prices, manufacturing—about 700 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)

TITLES AND SOURCES OF SERIES— Continued

977. Diffusion index of selling prices, wholesale trade—about 450 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)
978. Diffusion index of selling prices, retail trade—about 250 businessmen reporting (Q).—Dun & Bradstreet, Inc. (Used by permission. This series may not be reproduced without written permission from the source.) (38,76)

II-A. National Income and Product

30. Gross private domestic investment, change in business inventories, all industries, in 1972 dollars (Q).—Source 1 (26, 42, 68, 81)
50. Gross national product in 1972 dollars (Q).—Source 1 (19,39,40,63,80)
64. Compensation of employees as a percent of national income (Q).—Source 1 (30,47,70,83)
200. Gross national product in current dollars (Q).—Source 1 (40,80)
213. Final sales (series 50 minus series 30) in 1972 dollars (Q).—Source 1 (40,80)
217. Per capita gross national product in 1972 dollars (Q).—Sources 1 and 2 (40,80)
220. National income in current dollars (Q).—Source 1 (45,82)
223. Personal income in current dollars (M).—Source 1 (40,63)
224. Disposable personal income in current dollars (Q).—Source 1 (40,80)
225. Disposable personal income in 1972 dollars (Q).—Source 1 (40,80)
227. Per capita disposable personal income in 1972 dollars (Q).—Sources 1 and 2 (40,80)
230. Personal consumption expenditures, total, in current dollars (Q).—Source 1 (41,80)
231. Personal consumption expenditures, total, in 1972 dollars (Q).—Source 1 (41,80)
232. Personal consumption expenditures, durable goods, in current dollars (Q).—Source 1 (41,80)
233. Personal consumption expenditures, durable goods, in 1972 dollars (Q).—Source 1 (41,80)
235. Personal consumption expenditures, total, as a percent of gross national product (Q).—Source 1 (47,83)
236. Personal consumption expenditures, nondurable goods, in current dollars (Q).—Source 1 (41,81)
237. Personal consumption expenditures, services, in current dollars (Q).—Source 1 (41,81)
238. Personal consumption expenditures, nondurable goods, in 1972 dollars (Q).—Source 1 (41,81)
239. Personal consumption expenditures, services, in 1972 dollars (Q).—Source 1 (41,81)
240. Gross private domestic investment, total, in current dollars (Q).—Source 1 (42,81)
241. Gross private domestic investment, total, in 1972 dollars (Q).—Source 1 (42,81)
242. Gross private domestic fixed investment, total, in current dollars (Q).—Source 1 (42,81)
243. Gross private domestic fixed investment, total, in 1972 dollars (Q).—Source 1 (42,81)
245. Gross private domestic investment, change in business inventories, all industries, in current dollars (Q).—Source 1 (42,81)
247. Gross private domestic investment, change in business inventories, all industries, as a percent of gross national product (Q).—Source 1 (47,83)
248. Gross private domestic fixed investment, nonresidential, as a percent of gross national product (Q).—Source 1 (47,83)
249. Gross private domestic fixed investment, residential, as a percent of gross national product (Q).—Source 1 (47,83)
250. Net exports of goods and services in current dollars; national income and product accounts (Q).—Source 1 (44,82)
251. Net exports of goods and services as a percent of gross national product (Q).—Source 1 (47,83)
252. Exports of goods and services in current dollars; national income and product accounts (Q).—Source 1 (44,82)
253. Imports of goods and services in current dollars; national income and product accounts (Q).—Source 1 (44,82)
255. Net exports of goods and services in 1972 dollars; national income and product accounts (Q).—Source 1 (44,82)
256. Exports of goods and services in 1972 dollars; national income and product accounts (Q).—Source 1 (44,82)
257. Imports of goods and services in 1972 dollars; national income and product accounts (Q).—Source 1 (44,82)
260. Government purchases of goods and services, total, in current dollars (Q).—Source 1 (43,81)
261. Government purchases of goods and services, total, in 1972 dollars (Q).—Source 1 (43,81)
262. Federal Government purchases of goods and services in current dollars (Q).—Source 1 (43,81)
263. Federal Government purchases of goods and services in 1972 dollars (Q).—Source 1 (43,81)
265. Federal Government purchases of goods and services as a percent of gross national product (Q).—Source 1 (47,83)
266. State and local government purchases of goods and services in current dollars (Q).—Source 1 (43,81)
267. State and local government purchases of goods and services in 1972 dollars (Q).—Source 1 (43,81)
268. State and local government purchases of goods and services as a percent of gross national product (Q).—Source 1 (47,83)
280. Compensation of employees (Q).—Source 1 (45,82)
282. Proprietors' income with inventory valuation and capital consumption adjustments (Q).—Source 1 (45,82)
283. Proprietors' income with inventory valuation and capital consumption adjustments as a percent of national income (Q).—Source 1 (47,83)
284. Rental income of persons with capital consumption adjustment (Q).—Source 1 (45,82)
285. Rental income of persons with capital consumption adjustment as a percent of national income (Q).—Source 1 (47,83)
286. Corporate profits with inventory valuation and capital consumption adjustments (Q).—Source 1 (47,82)
287. Corporate profits with inventory valuation and capital consumption adjustments as a percent of national income (Q).—Source 1 (47,83)
288. Net interest (Q).—Source 1 (45,82)
289. Net interest as a percent of national income (Q).—Source 1 (47,83)
290. Gross saving—private saving plus government surplus or deficit (Q).—Source 1 (46,82)

292. Personal saving (Q).—Source 1 (46,82)
293. Personal saving rate—personal saving as a percent of disposable personal income (Q).—Source 1 (46,83)
295. Business saving—undistributed corporate profits plus capital consumption allowances with inventory valuation and capital consumption adjustments (Q).—Source 1 (46,82)
298. Government surplus or deficit, total (Q).—Source 1 (46,83)

II-B. Prices, Wages, and Productivity

310. Implicit price deflator, gross national product (Q).—Source 1 (48,84)
311. Fixed-weighted price index, gross business product (Q).—Source 1 (48,84)
320. Index of consumer prices, all items (M).—Source 3 (49,59,84,95)
322. Index of consumer prices, food (M).—Source 3 (49,84)
330. Index of producer prices, all commodities (M).—Source 3 (48,85)
331. Index of producer prices, crude materials for further processing (M).—Source 3 (48,85)
332. Index of producer prices, intermediate materials, supplies, and components (M).—Source 3 (48,86)
333. Index of producer prices, capital equipment (M).—Source 3 (48,86)
334. Index of producer prices, finished consumer goods (M).—Source 3 (48,86)
335. Index of producer prices, industrial commodities (M).—Source 3 (48,85)
340. Index of average hourly earnings of production workers, private nonfarm economy—adjusted for overtime (in manufacturing only), interindustry employment shifts, and seasonality (M).—Source 3 (49,87)
341. Index of real average hourly earnings of production workers, private nonfarm economy—adjusted for overtime (in manufacturing only), interindustry employment shifts, and seasonality (M).—Source 3 (49,87)
345. Index of average hourly compensation, all employees, nonfarm business sector (Q).—Source 3 (49,87)
346. Index of real average hourly compensation, all employees, nonfarm business sector (Q).—Source 3 (49,88)
348. Negotiated wage and benefit decisions, all industries—first year average (mean) changes (Q).—Source 3 (50,88)
349. Negotiated wage and benefit decisions, all industries—average (mean) changes over life of contract (Q).—Source 3 (50,88)
358. Index of output per hour, all persons, nonfarm business sector (Q).—Source 3 (49,88)
370. Index of output per hour, all persons, private business sector (Q).—Source 3 (49,88)

II-C. Labor Force, Employment, and Unemployment

37. Number of persons unemployed, labor force survey (M).—Sources 2 and 3 (18,51,62,89)
441. Total civilian labor force, labor force survey (M).—Sources 2 and 3 (51,89)
442. Total civilian employment, labor force survey (M).—Sources 2 and 3 (51,89)
444. Number unemployed, males 20 years and over, labor force survey (M).—Sources 2 and 3 (51,89)

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445. Number unemployed, females 20 years and over, labor force survey (M).—Sources 2 and 3 (51,89)
446. Number unemployed, both sexes 16-19 years of age, labor force survey (M).—Sources 2 and 3 (51,89)
447. Number unemployed, full-time workers, labor force survey (M).—Sources 2 and 3 (51,89)
448. Number employed, part-time workers for economic reasons, labor force survey (M).—Sources 2 and 3 (51,89)
451. Civilian labor force participation rate, males 20 years and over (M).—Sources 2 and 3 (51,89)
452. Civilian labor force participation rate, females 20 years and over (M).—Sources 2 and 3 (51,89)
453. Civilian labor force participation rate, both sexes 16-19 years of age (M).—Sources 2 and 3 (51,89)

II-D. Government Activities

500. Federal Government surplus or deficit; national income and product accounts (Q).—Source 1 (52,90)
501. Federal Government receipts; national income and product accounts (Q).—Source 1 (52,90)
502. Federal Government expenditures; national income and product accounts (Q).—Source 1 (52,90)
510. State and local government surplus or deficit; national income and product accounts (Q).—Source 1 (52,90)
511. State and local government receipts; national income and product accounts (Q).—Source 1 (52,90)
512. State and local government expenditures; national income and product accounts (Q).—Source 1 (52,90)
517. Defense Department gross obligations incurred (M).—U.S. Department of Defense, OSD, Comptroller, Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (53,90)
525. Defense Department military prime contract awards for work performed in the United States (M).—U.S. Department of Defense, OSD, Comptroller, Washington Headquarters Services; seasonal adjustment by Bureau of Economic Analysis (53,90)
543. Defense Department gross unpaid obligations outstanding (EOM).—U.S. Department of Defense, OSD, Comptroller, Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (53,90)
548. Value of manufacturers' new orders, defense products (M).—Source 2 (53,90)
557. Output of defense and space equipment (M).—Source 4 (54,91)
559. Value of manufacturers' inventories, defense products (EOM).—Source 2 (54,91)
561. Value of manufacturers' unfilled orders, defense products (EOM).—Source 2 (54,91)
564. Federal Government purchases of goods and services for national defense (Q).—Source 1 (55,91)

565. National defense purchases as a percent of gross national product (Q).—Source 1 (55,91)
570. Employment in defense products industries (M).—Source 3; seasonal adjustment by Bureau of Economic Analysis (55,91)
577. Defense Department personnel, military, active duty (EOM).—U.S. Department of Defense, OSD, Comptroller, Washington Headquarters Services (55,91)
578. Defense Department personnel, civilian, direct hire employment (EOM).—U.S. Department of Defense, OSD, Comptroller, Washington Headquarters Services (55,91)
580. Defense Department net outlays, military functions and military assistance (M).—U.S. Department of Defense, OSD, Comptroller, Directorate for Program and Financial Control; seasonal adjustment by Bureau of Economic Analysis (54,91)
588. Value of manufacturers' shipments, defense products (M).—Source 2 (54,91)

II-E. U.S. International Transactions

602. Exports, excluding military aid shipments, total (M).—Source 2 (56,92)
604. Exports of agricultural products (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)
606. Exports of nonelectrical machinery (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)
612. General imports, total (M).—Source 2 (56,92)
614. Imports of petroleum and petroleum products (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)
616. Imports of automobiles and parts (M).—Source 2; seasonal adjustment by Bureau of Economic Analysis (56,92)
618. Merchandise exports, adjusted, excluding military grants (Q).—Source 1 (57,93)
620. Merchandise imports, adjusted, excluding military (Q).—Source 1 (57,93)
622. Balance on merchandise trade (Q).—Source 1 (57,93)
651. Income on U.S. investments abroad (Q).—Source 1 (57,93)
652. Income on foreign investments in the United States (Q).—Source 1 (57,93)
667. Balance on goods and services (Q).—Source 1 (57,93)
668. Exports of goods and services, excluding transfers under U.S. military grants (Q).—Source 1 (57,93)
669. Imports of goods and services, total (Q).—Source 1 (57,93)

II-F. International Comparisons

19. United States, index of stock prices, 500 common stocks (M).—Standard & Poor's Corporation (13,28,59,69,96)

47. United States, index of industrial production, total (M).—Source 4 (14,20,39,58,63,78,94)
320. United States, index of consumer prices, all items (M).—Source 3 (48,59,84,95)
721. Organization for Economic Cooperation and Development, European countries, index of industrial production (M).—Organization for Economic Cooperation and Development (Paris) (58,94)
722. United Kingdom, index of industrial production (M).—Central Statistical Office (London) (58,94)
723. Canada, index of industrial production (M).—Statistics Canada (Ottawa) (58,94)
725. West Germany, index of industrial production (M).—Deutsche Bundesbank (Frankfurt) (58,94)
726. France, index of industrial production (M).—Institut National de la Statistique et des Etudes Economiques (Paris) (58,94)
727. Italy, index of industrial production (M).—Istituto Centrale di Statistica (Rome) (58,94)
728. Japan, index of industrial production (M).—Ministry of International Trade and Industry (Tokyo) (58,94)
732. United Kingdom, index of consumer prices (M).—Ministry of Labour (London); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)
733. Canada, index of consumer prices (M).—Statistics Canada (Ottawa); percent changes seasonally adjusted by Bureau of Economic Analysis (59,96)
735. West Germany, index of consumer prices (M).—Statistisches Bundesamt (Wiesbaden); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)
736. France, index of consumer prices (M).—Institut National de la Statistique et des Etudes Economiques (Paris); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)
737. Italy, index of consumer prices (M).—Istituto Centrale di Statistica (Rome); percent changes seasonally adjusted by Bureau of Economic Analysis (59,96)
738. Japan, index of consumer prices (M).—Office of the Prime Minister (Tokyo); percent changes seasonally adjusted by Bureau of Economic Analysis (59,95)
742. United Kingdom, index of stock prices (M).—The Financial Times (London) (59,96)
743. Canada, index of stock prices (M).—Statistics Canada (Ottawa) (59,96)
745. West Germany, index of stock prices (M).—Statistisches Bundesamt (Wiesbaden) (59,96)
746. France, index of stock prices (M).—Institut National de la Statistique et des Etudes Economiques (Paris) (59,96)
747. Italy, index of stock prices (M).—Istituto Centrale di Statistica (Rome) (59,96)
748. Japan, index of stock prices (M).—Tokyo Stock Exchange (Tokyo) (59,96)

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